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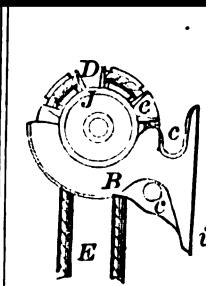
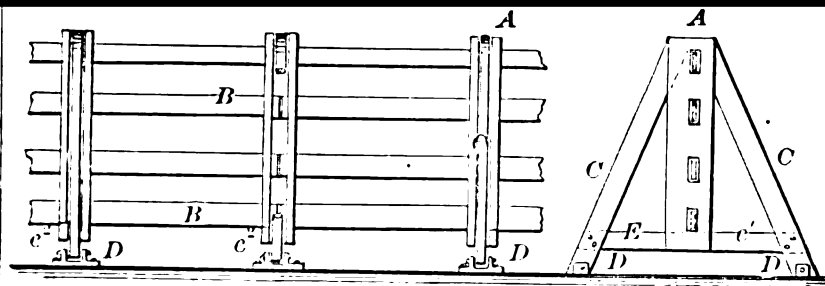
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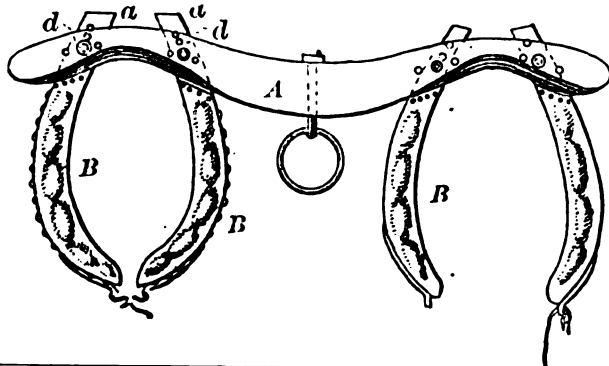
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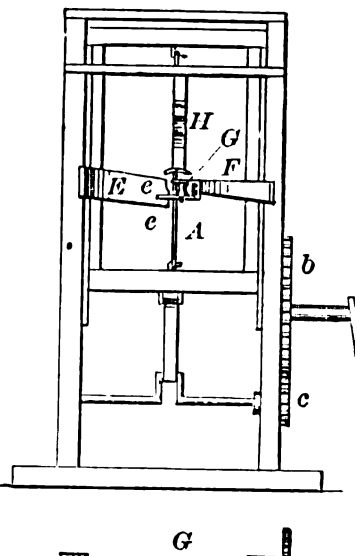
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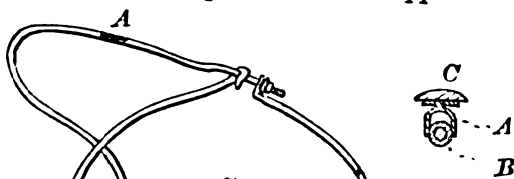
**73613**—J. Langenbach—*Ox Yoke.*



**73615**—A. Lutz—*For Hoops.*



**73614**—J. Lecocq—*Abdominal Supporter.*



# Annual report of the Commissioner of Patents

United States. Patent Office









40TH CONGRESS, } HOUSE OF REPRESENTATIVES.  
3d Session. }

{ Ex. Doc.  
No. 52.

7-12

# ANNUAL REPORT



OF THE

# COMMISSIONER OF PATENTS,

FOR

THE YEAR 1868.

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VOLUME III.

WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1869.

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1868  
pt. 3

IN THE HOUSE OF REPRESENTATIVES,  
*April 9, 1869.*

*Resolved by the House of Representatives, (the Senate concurring,) That there be printed thirty thousand extra copies of the next Report of the Commissioner of Patents, of which seventeen thousand shall be for the use of the House, eight thousand for the use of the Senate, and five thousand for the use of the Commissioner of Patents.*

Attest:

EDW. McPHERSON, *Clerk.*

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IN SENATE OF THE UNITED STATES,  
*December 9, 1869.*

*Resolved, That the Senate agree to the resolution of the House of Representatives relative to printing the Report of the Commissioner of Patents.*

Attest:

GEO. C. GORHAM, *Secretary.*

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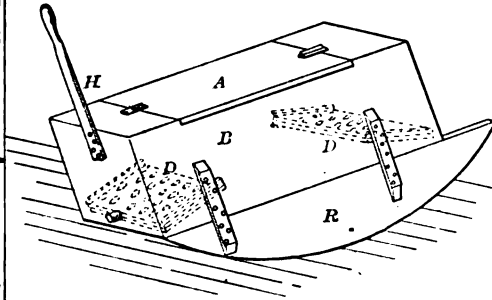
**ILLUSTRATIONS OF PATENTS.**

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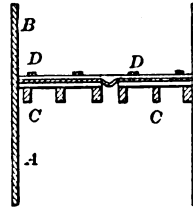
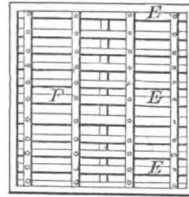
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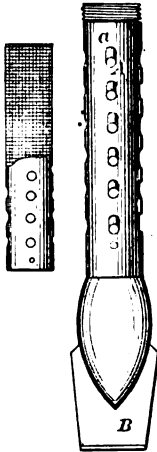
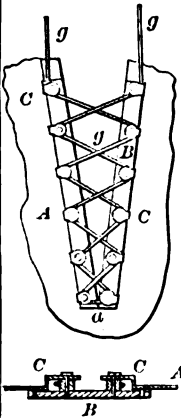
72960—J. Barbian—  
Ice House Floor.



72967—D. C. Brown—Loom Harness.



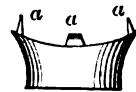
72961—J. Barbier—Shoe Fastening.



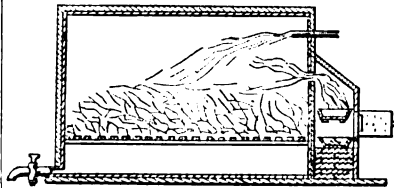
72962—Barr & McGuire—Well.



72963—G. Beaty—Boot and Shoe Heel.



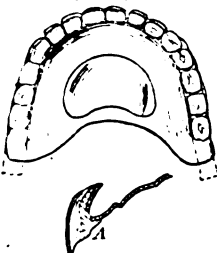
72966—Boynton & McGaw—Removing  
Burr and other Vegetable Matter from  
Wool.



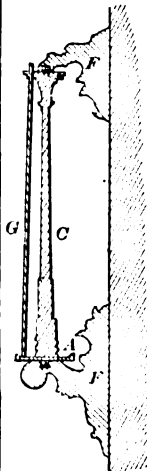
72965—V. W. Blanchard—  
Baggage Check.



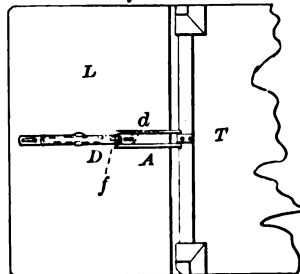
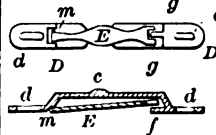
72968—T. Y. Brown—  
Fastening Artificial Teeth.



72969—E. Brunswick—Billiard Cue Rack.

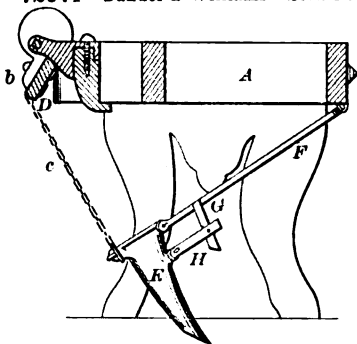


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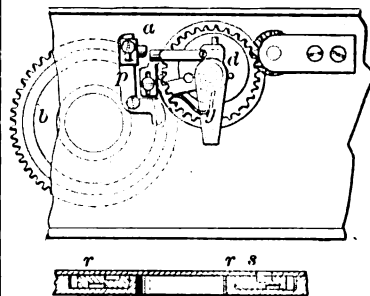
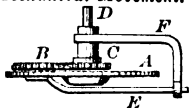




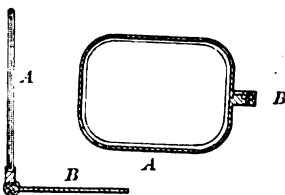
72971—Bundel &amp; Williams—Seed Planter.



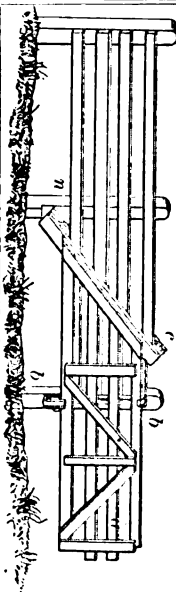
72974—W. Chicken—Sewing Machine.

72972—H. C. Burk—  
Mechanical Movement.

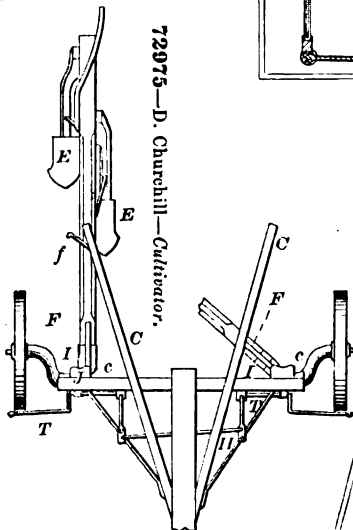
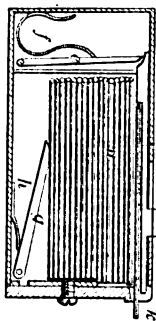
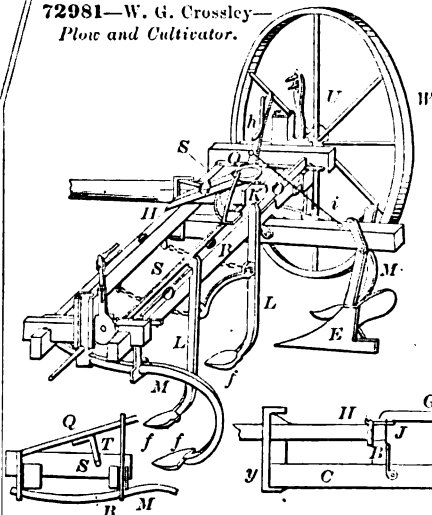
72978—E. M. Cole—Eye Glass.



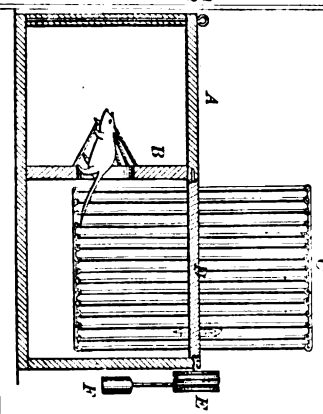
72976—W. D. Clark—Farm Gate.



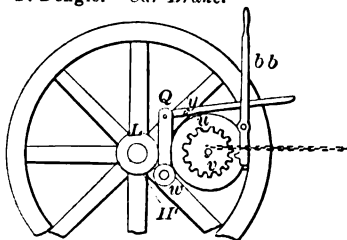
72973—D. Churchill—Cultivator.

72973—P. D. M. Carmichael—  
Match Safe.72981—W. G. Crossley—  
Plow and Cultivator.

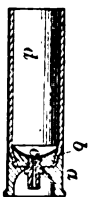
72979—W. Cover—Animal Trap.



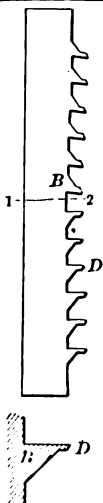
72084—F. Dengler—Car Brake.



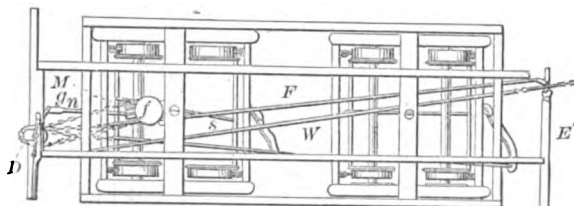
72082—T. Cullen—Carriage for Small Arms.



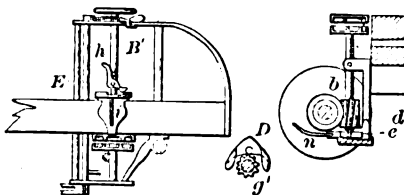
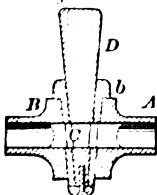
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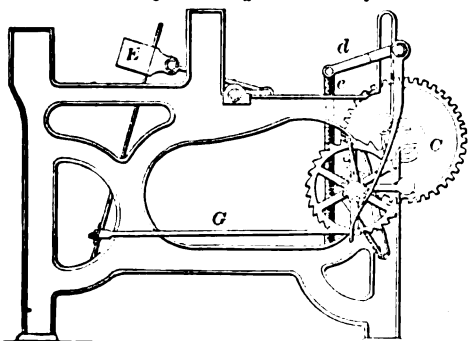
72085—Dick & Preston, Jr.—Car Brake.



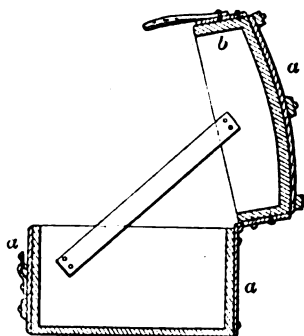
72086—J. Doering—Stop Cock.

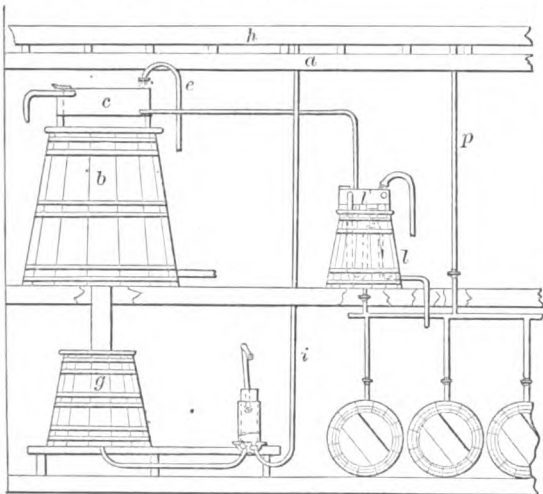
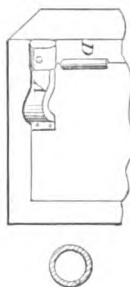
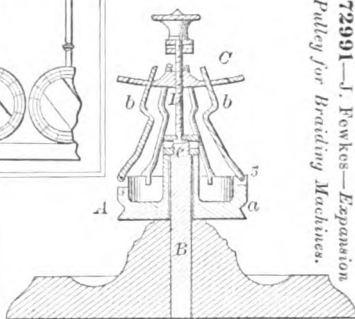
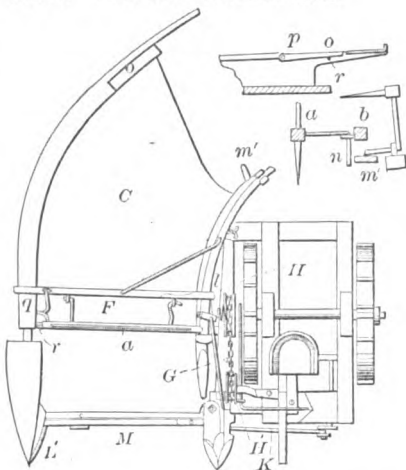
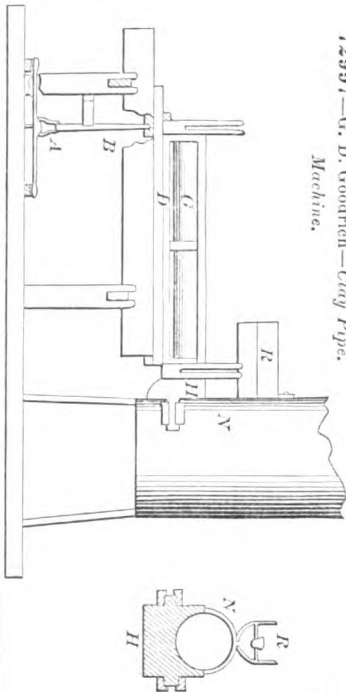
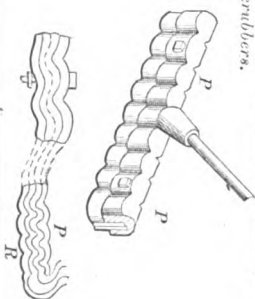


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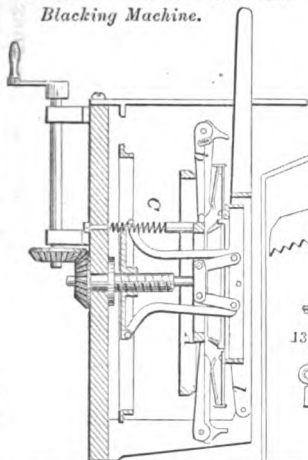


72088—J. S. Eaton—Trunk.

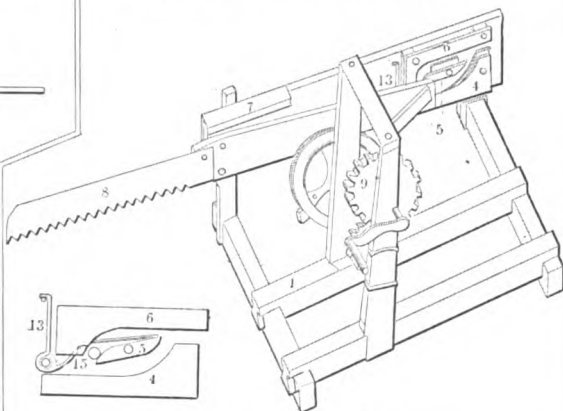


72989—W. H. Elliott—*Brewing.*72992—B. G. Fitzhugh—*India Rubber Door Spring.*72991—J. Fewkes—*Expansion Pulley for Bracing Machines.*72990—V. H. Felt—*Harvester Rake.*72997—G. D. Goodrich—*Clay Pipe Machine.*72995—L. M. Gilbert—*Scissors Sharpener*  
72993—L. Fleckenstine—*Holder for Gun Scrubbers.*

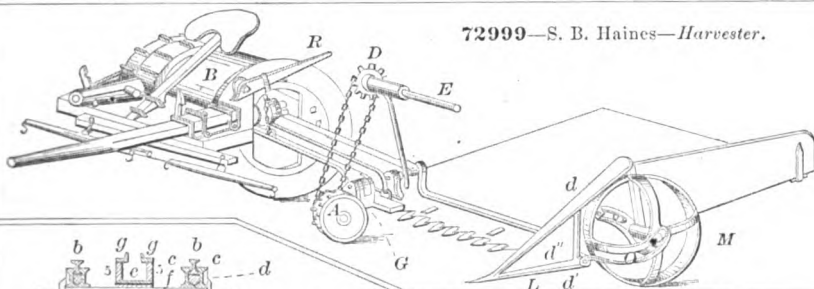
72998—W. C. Griswold—*Hat Blacking Machine.*



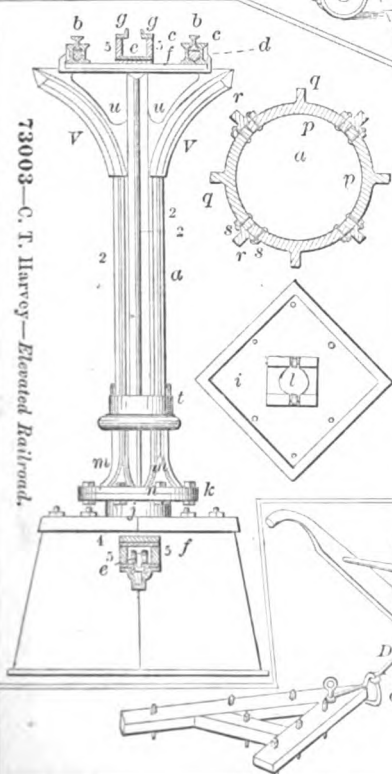
73000—J. R. Harmon—*Sawing Machine.*



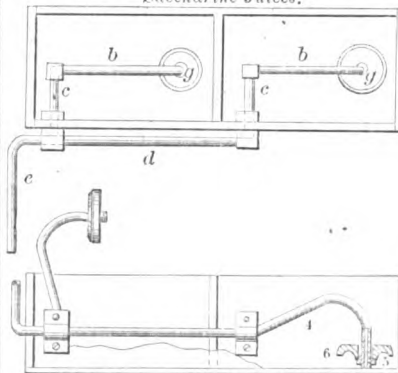
72999—S. B. Haines—*Harvester.*



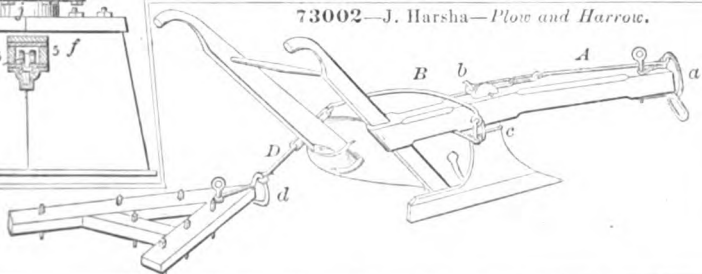
73003—C. T. Harvey—*Elevated Railroad.*



73001—L. P. Harris—*For Clarifying Saccharine Juices.*

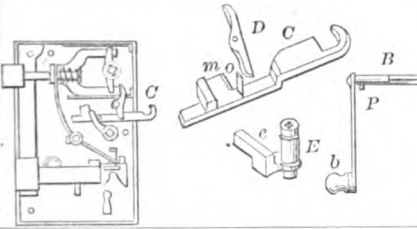


73002—J. Harsha—*Plove and Harrow.*

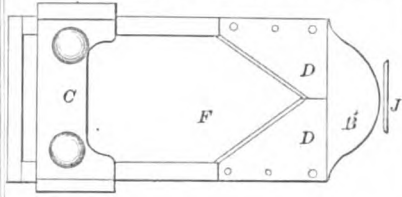




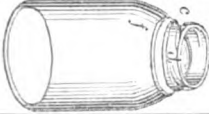
**73013**—A. Iske—*Door Alarm Lock.*



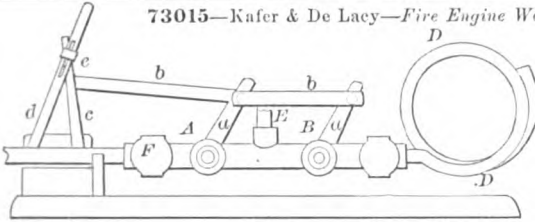
73017—Madden & Haserot—*Bread Cutter*.



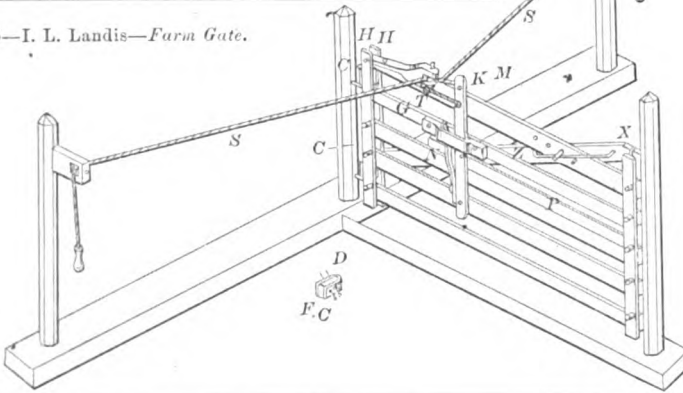
**73014**—J. F. Johnson—*Jar Cover Fastening.*



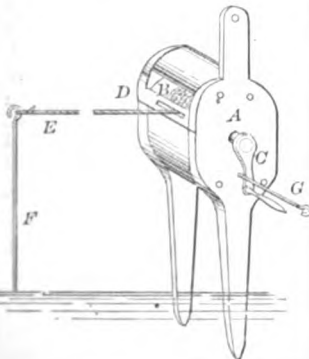
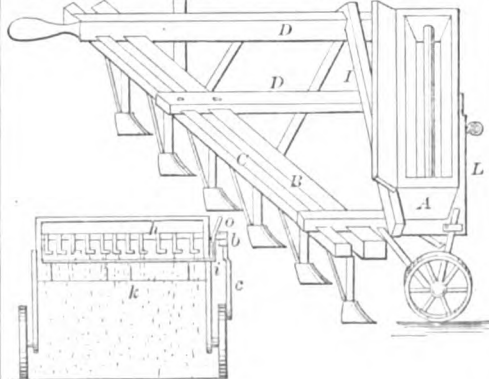
**73015**—Kafer & De Lacy—*Fire Engine Water Heater.*

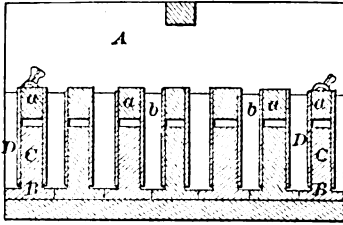
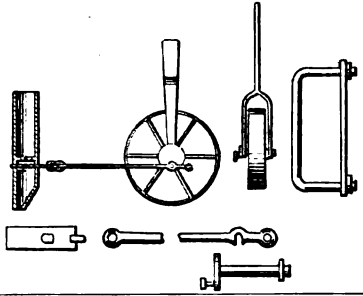
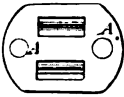
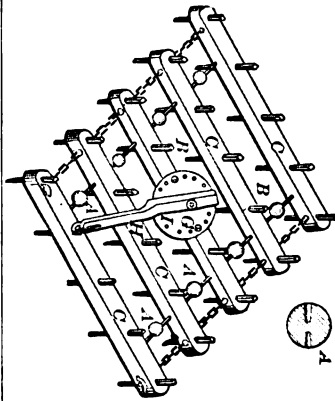
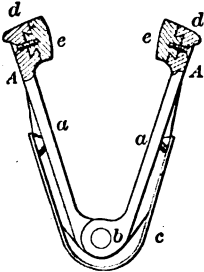
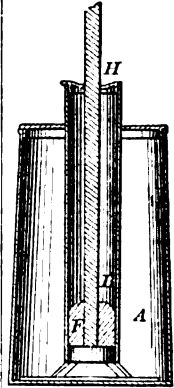
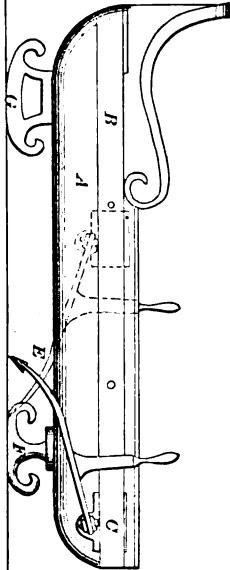
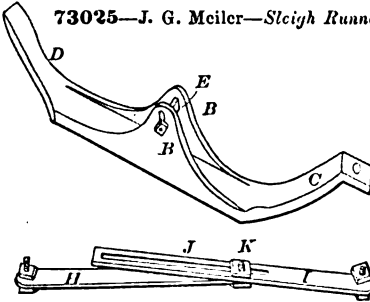
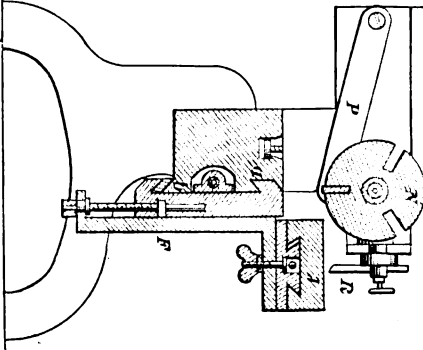


73016—I. L. Landis—*Farm Gate.*



73019—L. Martin—*Line Reel.*

73020—H. S. Matteson—*Seeder and Cultivator.*

**73021—J. T. McDougall—For Collecting Precious Metal.****73022—P. McIsaac—Corn Planter and Plow.****73026—C. Mudge—Cotton Bale Tie.****73028—H. O. Nauen—Vise Clamp.****73024—J. Mercier—Harrow.****73023—G. McWilliams—Churn.****73025—J. G. Meiler—Sleigh Runner.****73029—M. Newman—Velocipede.****73027—L. F. Munger—Lathe.**

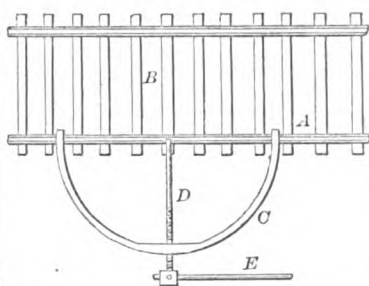


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73031—C. D. Olmstead—Saw Mill.

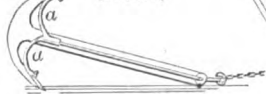
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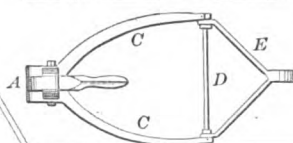
73034—J. L. Phillips—Cotton Bale Tie.



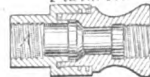
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73036—D. C. Pierce—Anchor.

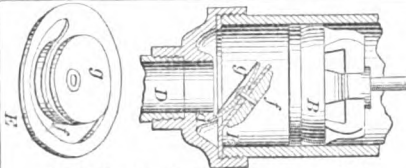
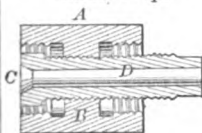


73039—T. L. Reed—Lock Coupling for Gas Fittings.



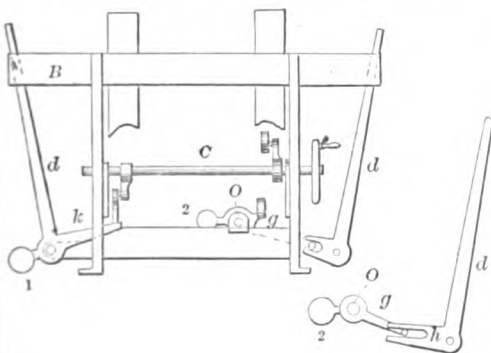
73040—T. L. Reed—Gas Socket.

73032—C. E. Palmer—Steam Trap.

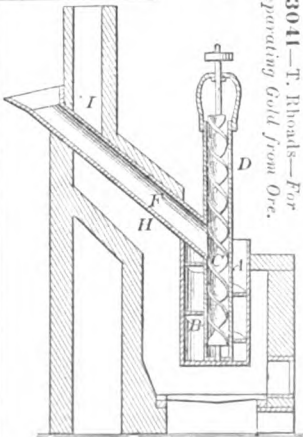


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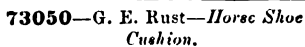
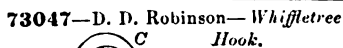
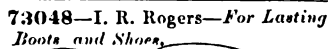
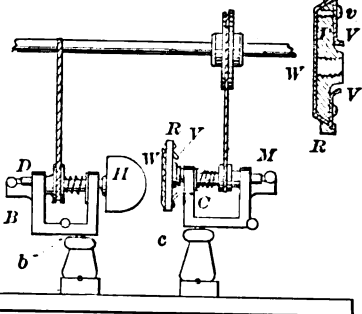
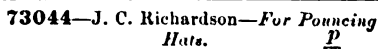
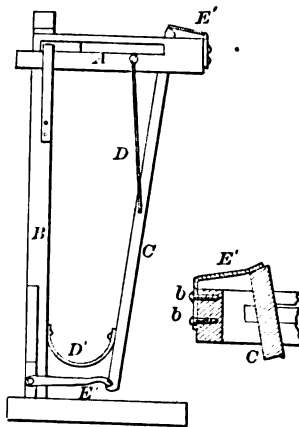
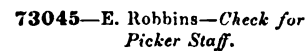
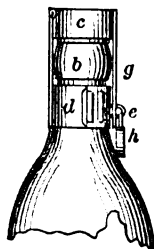
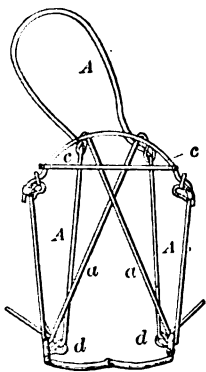
73037—J. Pilkington—Picker Motion for Looms.



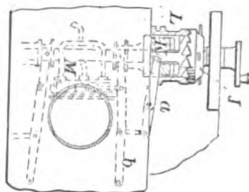
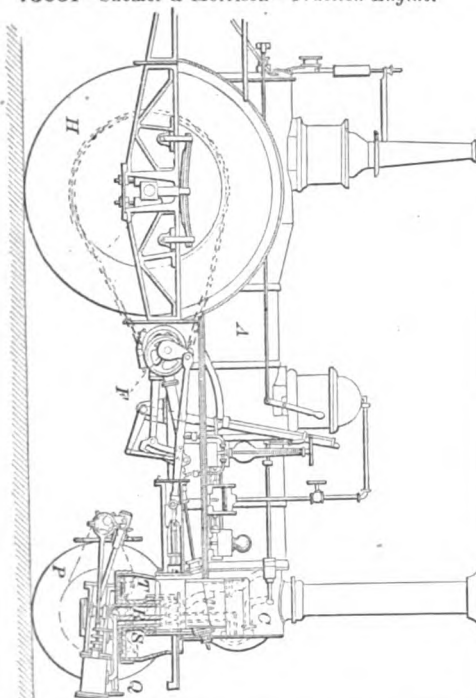
73041—T. Rhoads—For Separating Gold from Ore.



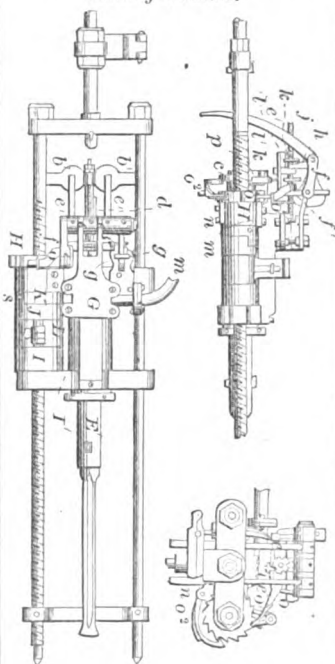




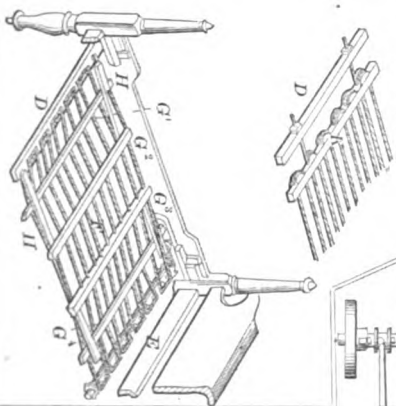
73051—Sheffler & Morrison—Traction Engine.



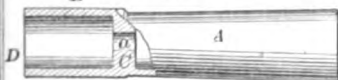
73053—C. Schumann—Rock Drilling Machine.



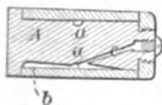
73052—A. Schlingman—  
Bed Bottom.



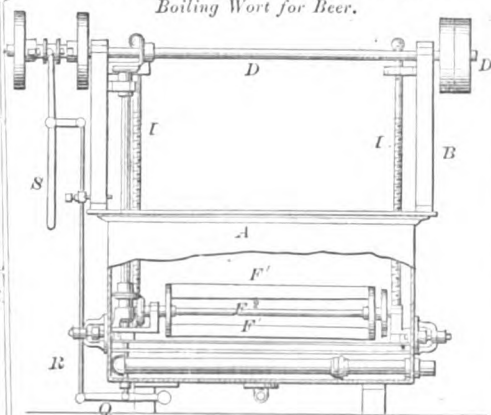
73054—A. B. Sharp—Defecating  
Cane Juice.



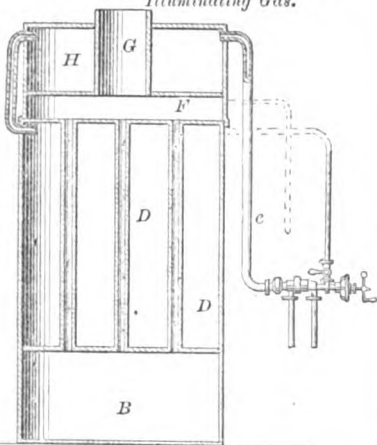
73055—C. D. Smith—Axle Journal.



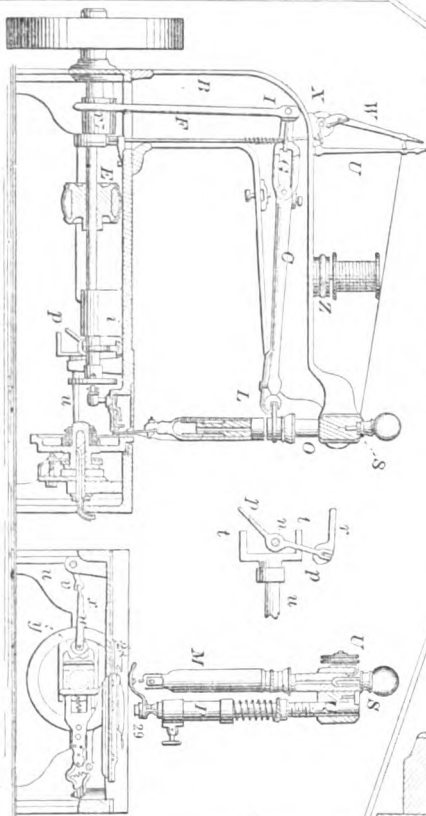
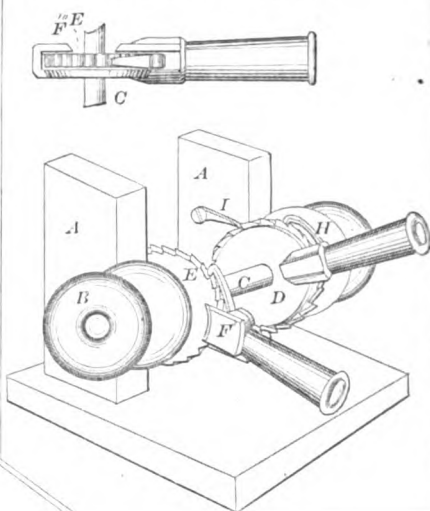
73056—J. & M. Stark—For Mashing and  
Boiling Wort for Beer.



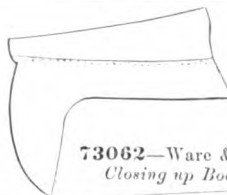
73057—L. Stevens—*Manufacture of Illuminating Gas.*



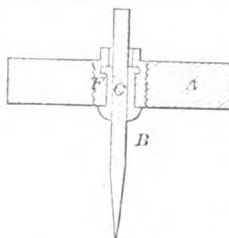
73059—L. L. Treman—*Windlass.*



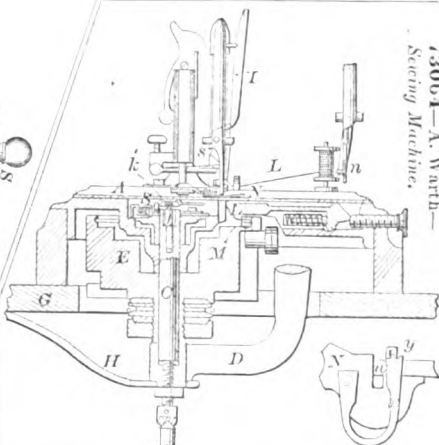
73063—A. Warth—*Sewing Machine.*



73062—Ware & Tilton—*Closing up Boot Legs.*



73061—J. N. & T. Wallis—*Harrow.*



73064—A. Warth—*Sewing Machine.*

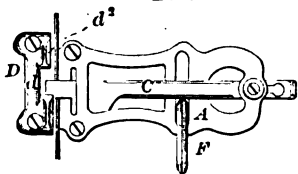
73058—I. Tillson—*Railway Chair.*



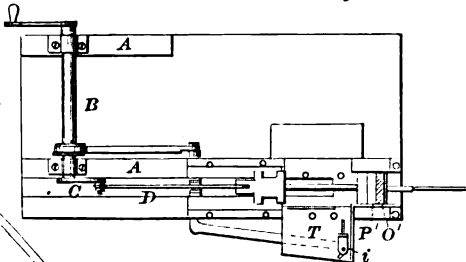




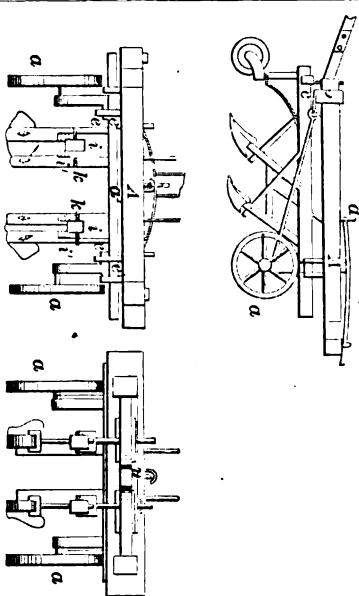
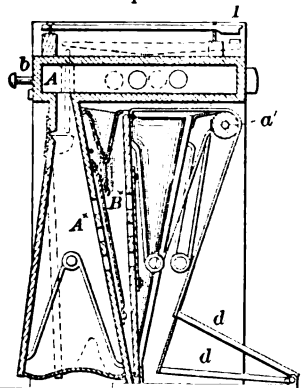
**73078**—P. P. Child—*Latch and Bolt.*



**73079**—W. H. Coombs—*For Pressing Brick.*

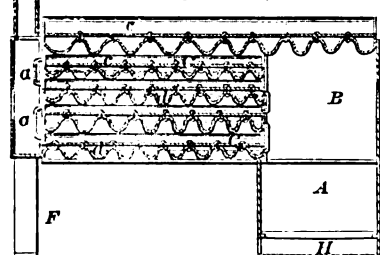


**73080**—W. Cooper—*Melodeon.*



**73081**—Damon, Massey & Whitman—*Cultivator and Plow.*

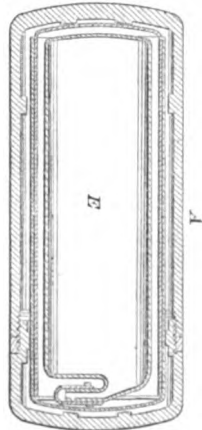
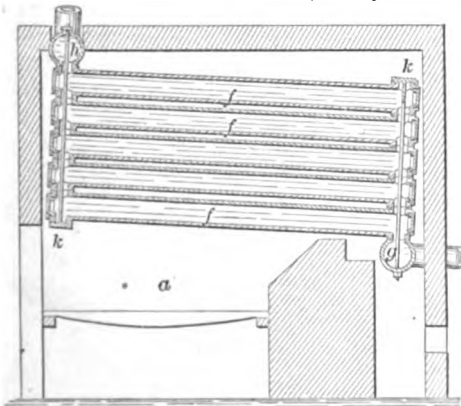
**73083**—J. H. Duhme—*Steam Generator.*



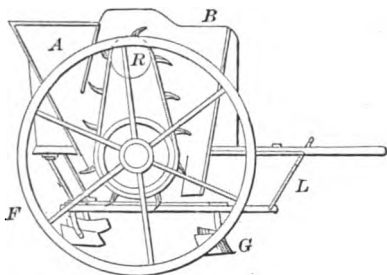
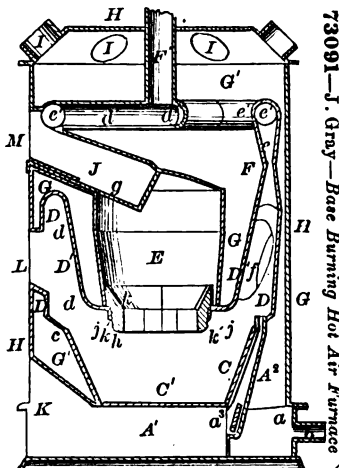
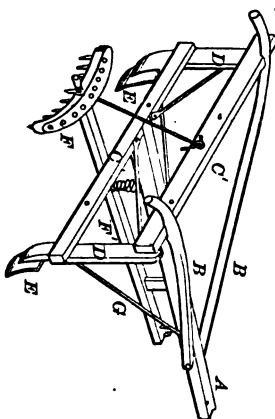
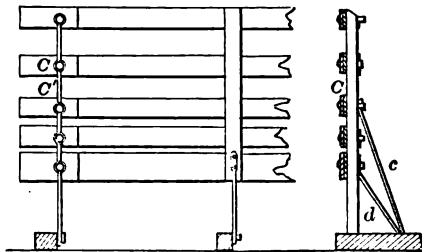
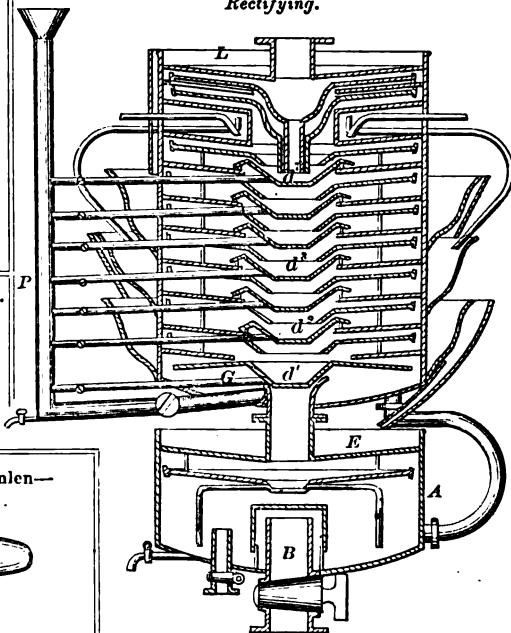
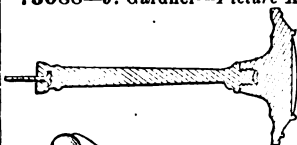
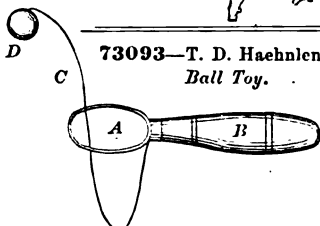
**73082**—S. Darlin—*Straight Edge.*



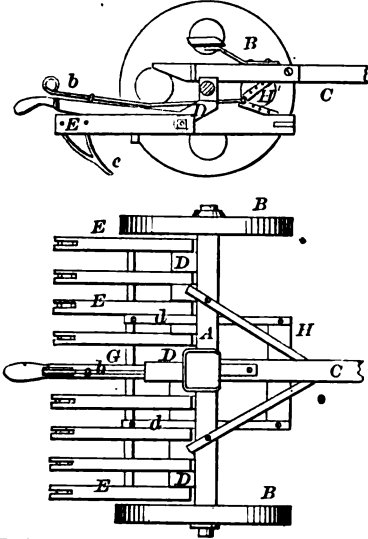
**73084**—C. R. Ellis—*Boiler for Heating.*



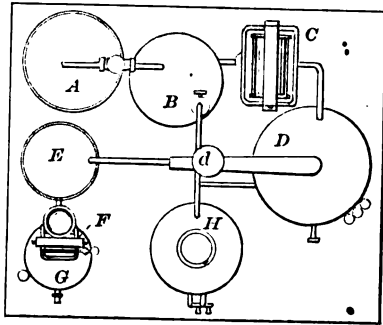
**73085**—J. P. Ellis—*Waterproof Safe.*

73086—H. Farmer—*Potato Planter.*73087—W. Frantz—*Cultivator.*73090—I. A. Gormley—*Field Fence.*73092—C. Gresiuchna—*For Distilling and Rectifying.*73088—J. Gardner—*Picture Knob.*73093—T. D. Haehnlen—*Ball Toy.*

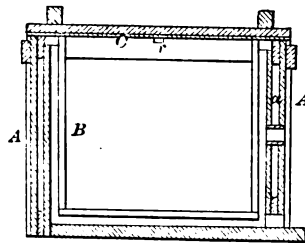
73094—W. O. Hargrave—Cultivator.



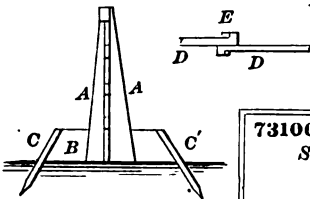
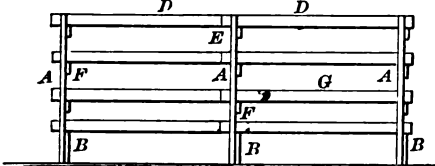
73099—Horton & Milligan—Spirit Meter.



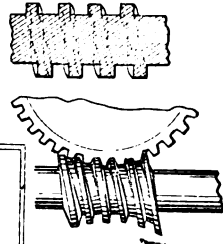
73096—C. Hastings—Beehive.



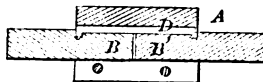
73098—L. F. Hepderson—Portable Fence.



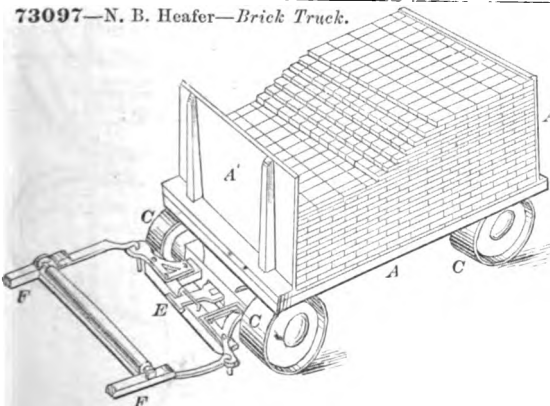
73095—Harrigan & Whitney—Gear Worm.



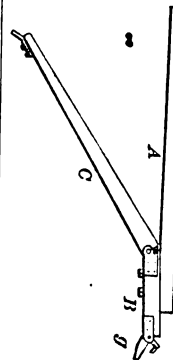
73100—G. W. Hubbard—Shaft Coupling.



73097—N. B. Heafer—Brick Truck.

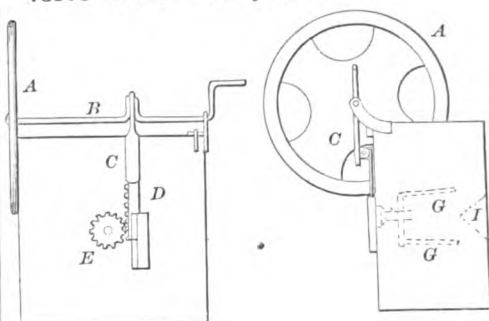


73101—E. Hutson—Pushing Jack for Railroad Cars.

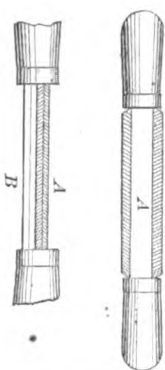




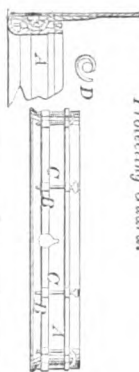
73103—J. Lee—Washing Machine.



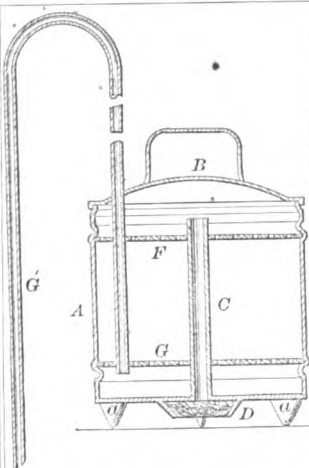
73102—W. M. Jones—For Sharpening Horse Shoe Calks.



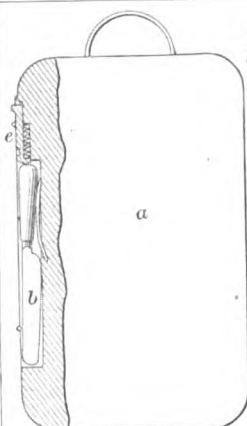
73106—E. Linsley—Pentaloons Protecting Guard.



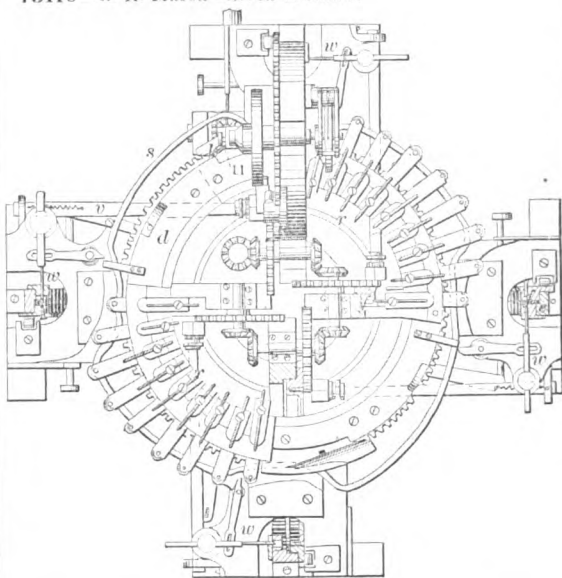
73105—J. N. Lighthall—Filter.



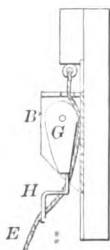
73104—W. H. Lewis—Bread Board.



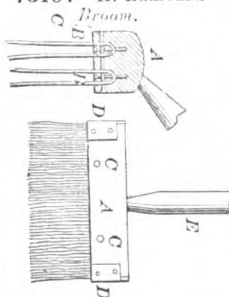
73110—B. A. Mason—Screw Machine.

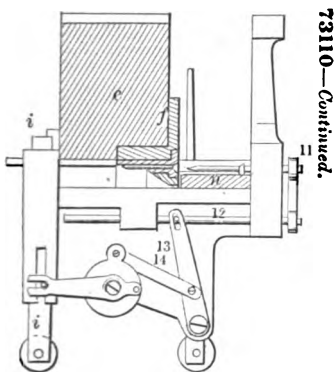


73108—T. J. Marinus—Curtain Fixture.



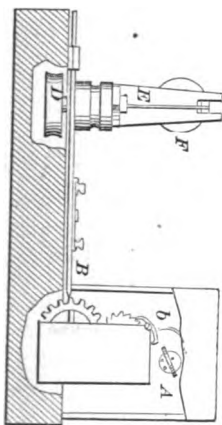
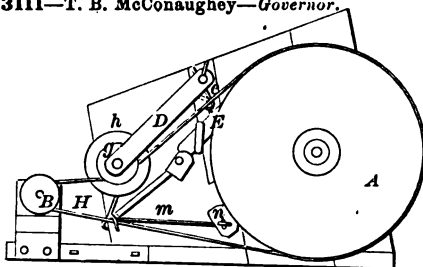
73107—H. Lumbard—Broom.



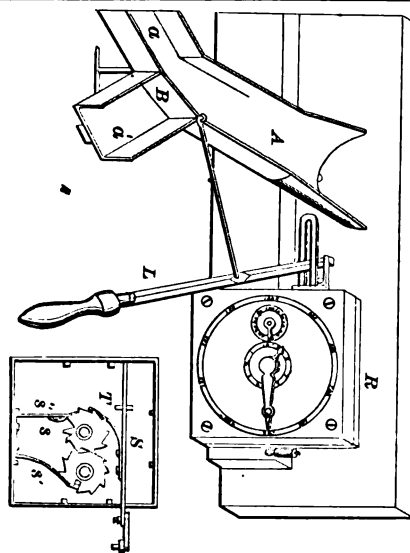


73110—Continued.

73111—T. B. McCaughey—Governor.

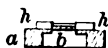
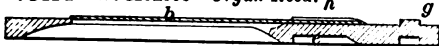


73113—J. F. Morsell—Railway Switch Alarm.

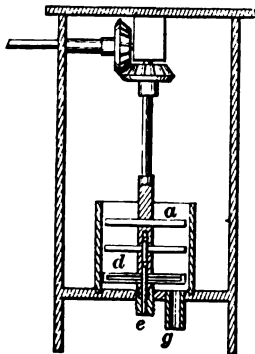


73112—F. O. Melvin—Grain Measure.

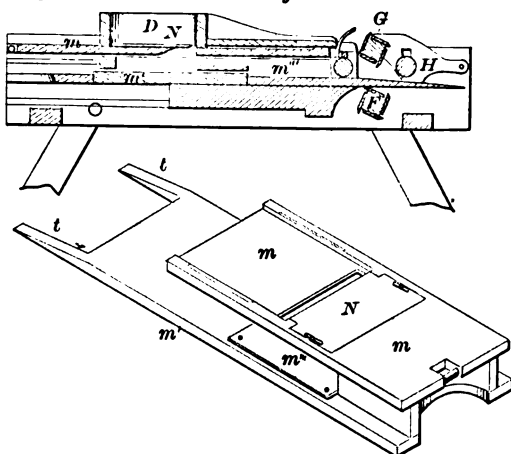
73114—W. Monroe—Organ Reed.



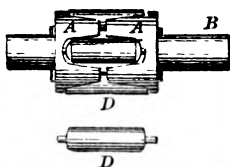
73115—G. G. Noah—For Making Paste.



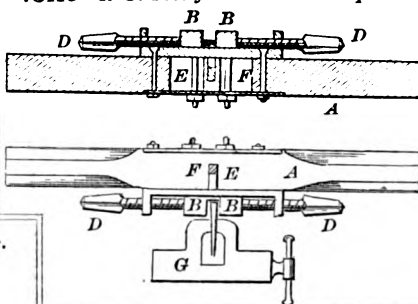
73116—D. L. Peacock—Shingle Machine.



**73117**—C. W. Pierce—*Friction Roller.*



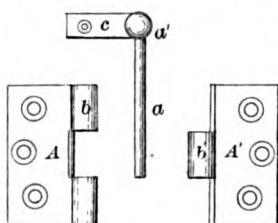
**73118**—R. F. Prettyman—*Skate Sharpener.*



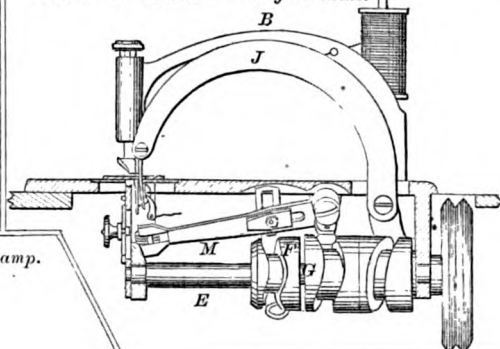
**73121**—E. J. Richardson—*Tricket Holder.*



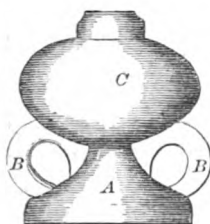
**73120**—R. Reiber—*Hinge.*



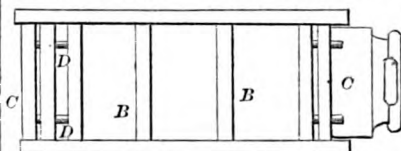
**73119**—G. Rehfuß—*Sewing Machine.*



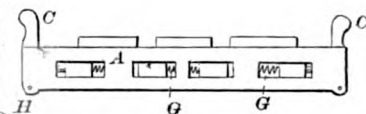
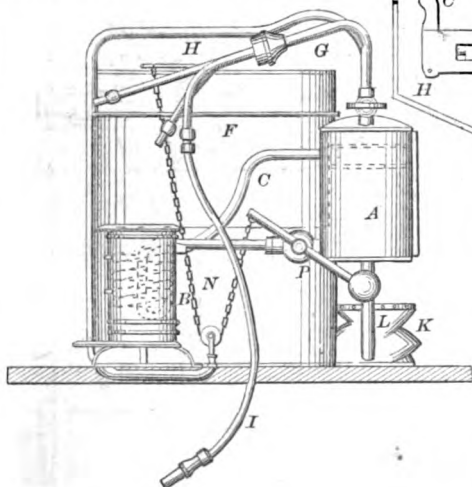
**73122**—D. C. Ripley—*Glass Lamp.*



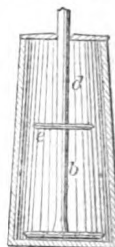
**73123**—J. Sangster—*For Handling Bricks.*



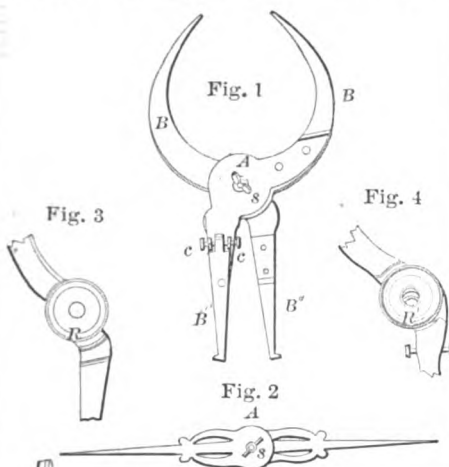
**73124**—D. F. Scheaf—*For Generating Gas.*



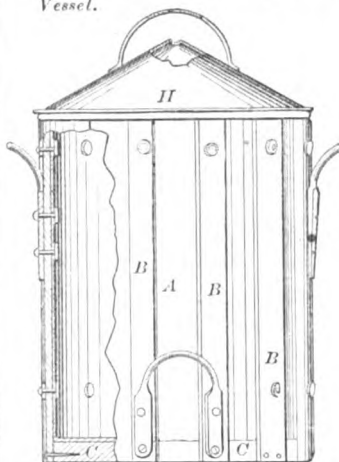
**73125**—C. Schifferly—*Churn.*



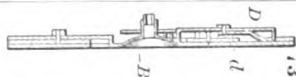
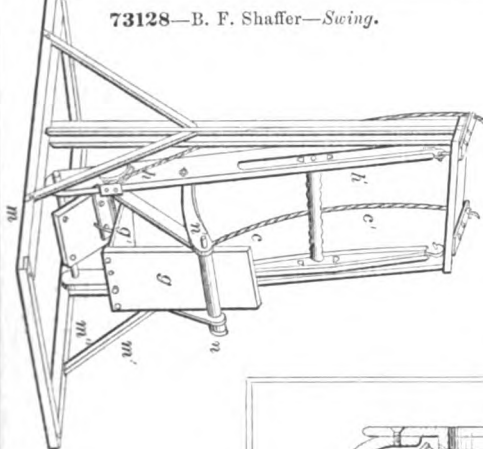
73126—E. S. Scripture—Dividers and Calipers.



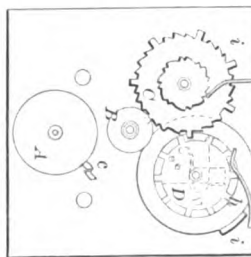
73130—W. Shires—Garbage Can or Vessel.



73128—B. F. Shaffer—Swing.



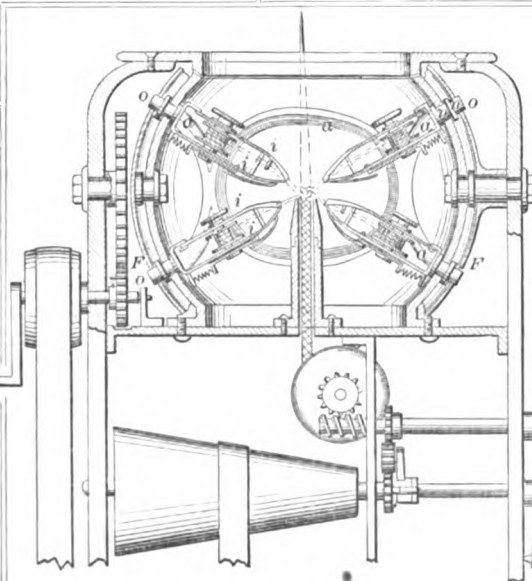
73127—J. K. Seem—Clock Calculator.



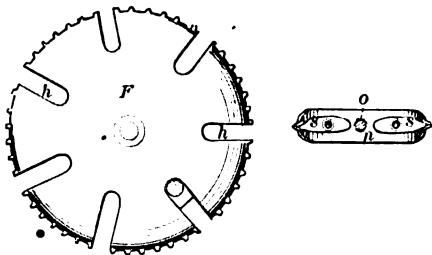
73129—T. E. Sherman—Gate.



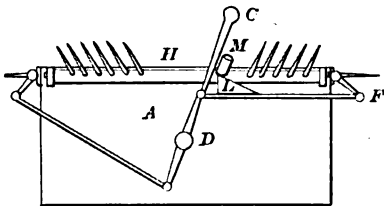
73131—P. L. Slaxton—For Braiding Whip Lashes.



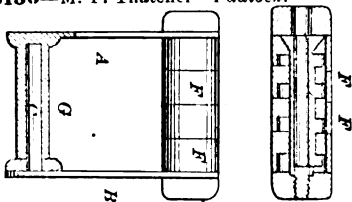
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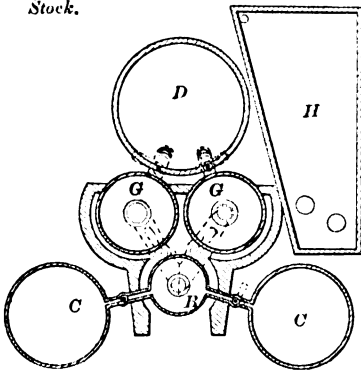
73132—G. R. K. Smith—Wagon Protector.



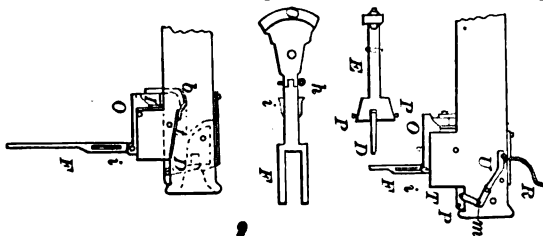
73136—M. P. Thatcher—Padlock.



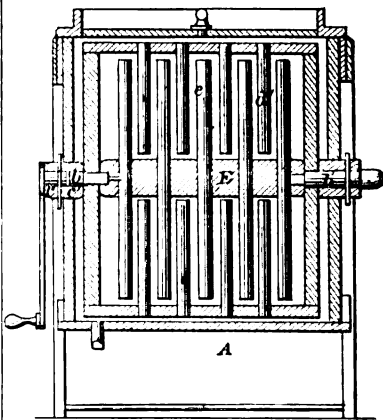
73138—J. Tiffany—For Preparing Paper Stock.



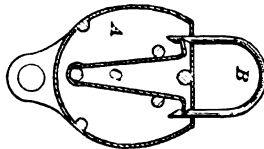
73140—J. N. &amp; S. T. Vandegrift, French &amp; Stone—Car Coupling.



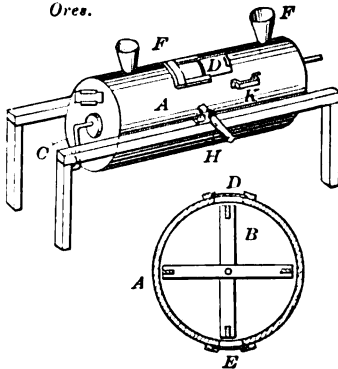
73134—S. H. Swasey—Barrel Churn.



73133—G. W. Stevens—Padlock.

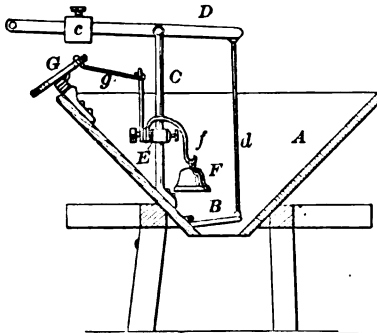


73137—W. A. Thompson—For Treating Ores.

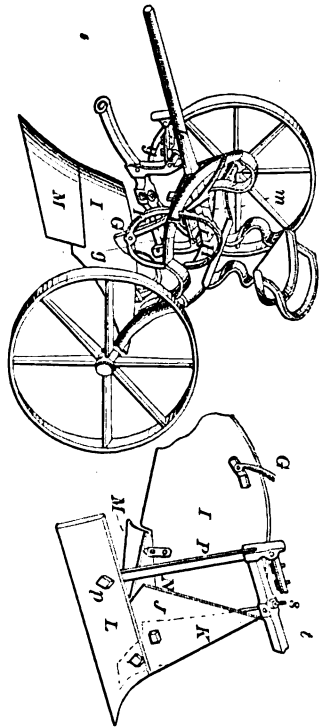


73141—J. Végant—Hammer.

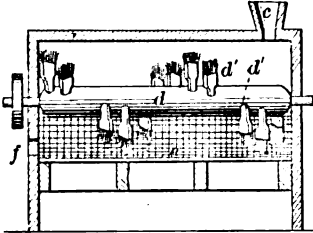
**73142**—D. C. Walters—*Grinding Mill Hopper Attachment*



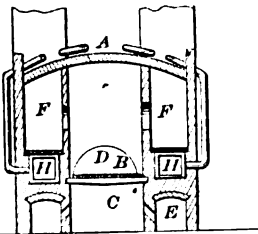
**73143**—J. Warwick—*Sulky Plow.*



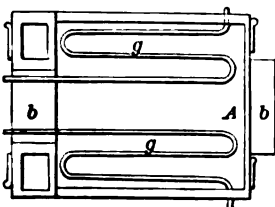
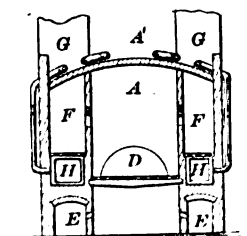
**73144**—M. Waterhouse—*Flock Duster.*



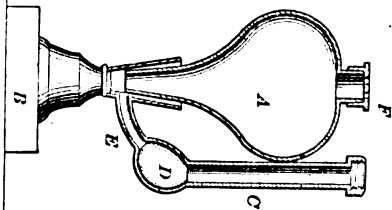
**73146**—S. Wetherill—*Manufacture of White Oxide of Zinc.*



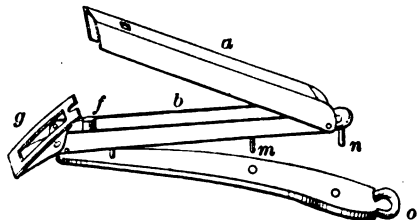
**73147**—S. Wetherill—*Manufacture of White Oxide of Zinc.*

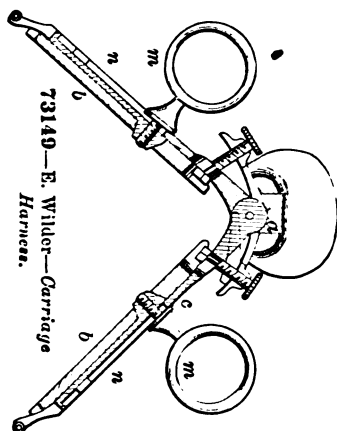


**73145**—H. B. Wellman—*Lamp.*

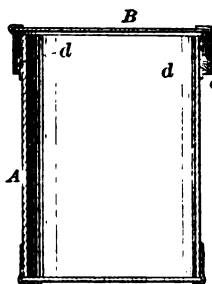
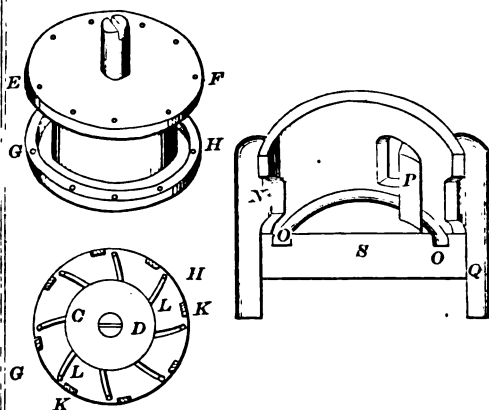


**73148**—L. Wetzell—*Hames Tug Buckle.*

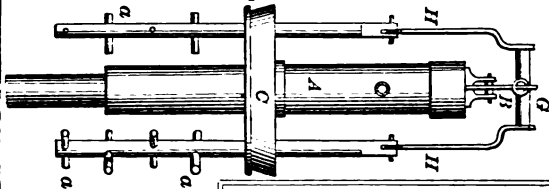




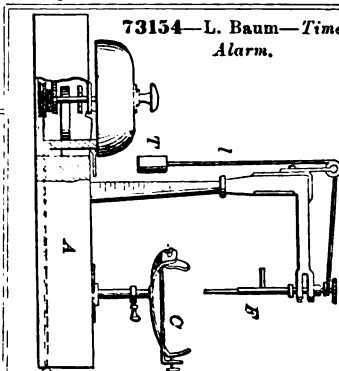
73150—Wilson &amp; Houghton—Water Wheel.



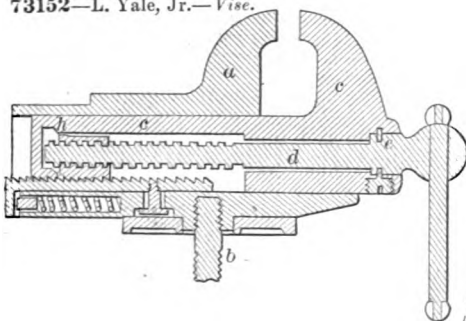
73153—F. Yeiser—Pump.



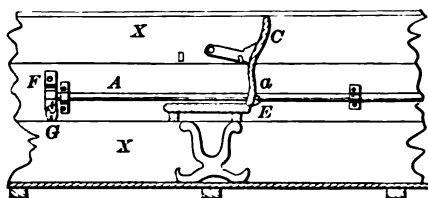
73154—L. Baum—Time Alarm.



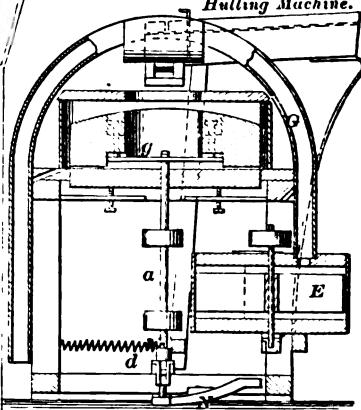
73152—L. Yale, Jr.—Vise.



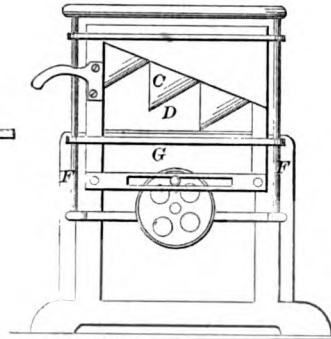
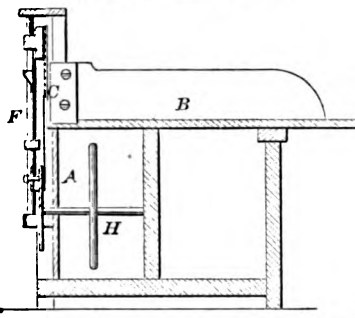
73155—Bayley &amp; McCluskey—Car Seat Lock.



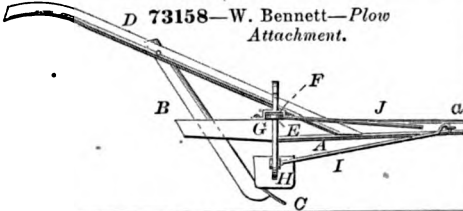
73156—J. Baysore—Buckrheat Hulling Machine.



**73157**—A. J. Bell—*Straw Cutter.*



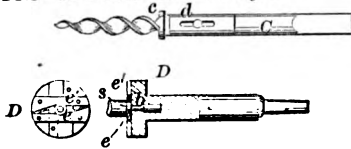
**73158**—W. Bennett—*Plow Attachment.*



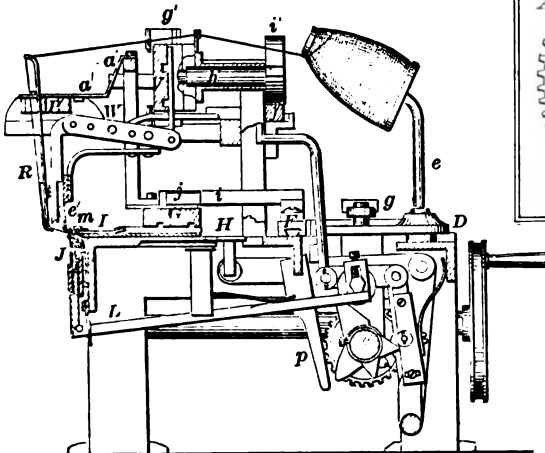
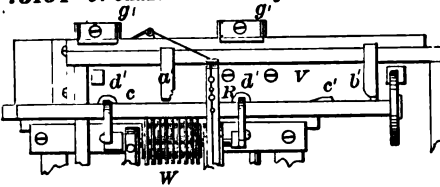
**73160**—A. Block—*Sluice Blanket.*



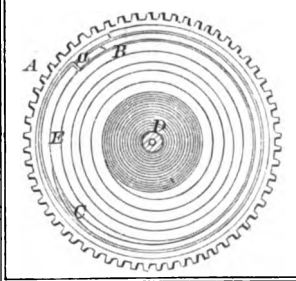
**73162**—A. Brush—*Hollow Auger.*



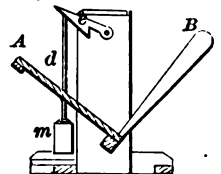
**73164**—J. Chantrell—*Knitting Machine.*



**73161**—G. A. Bowen—*Watch.*

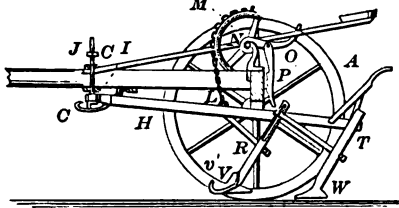


**73159**—H. Besse—*Automatic Water Gate.*

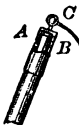




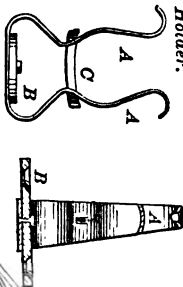
**73166**—Cox & Pence—*Corn Plow.*  
M.



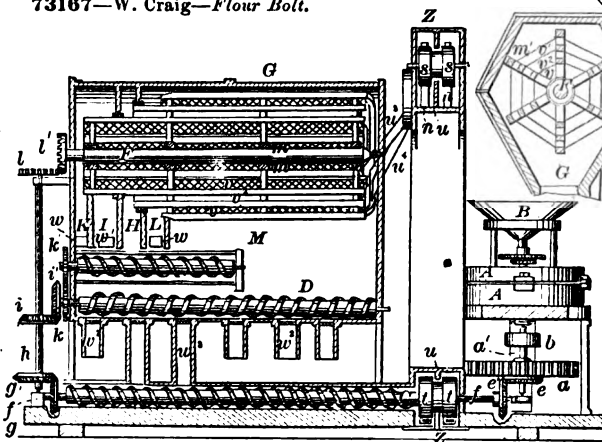
73165—J. S. Cook—*Whipp.*



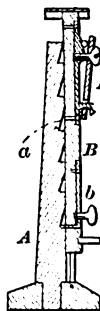
73169-A. G. Davis—*Brueh*  
Holder.



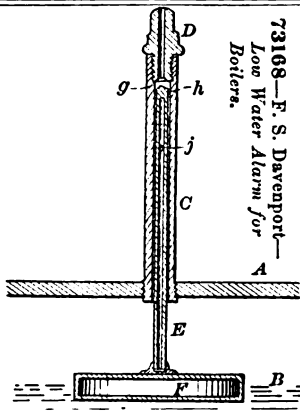
**73167—W. Craig—*Flour Bolt.***



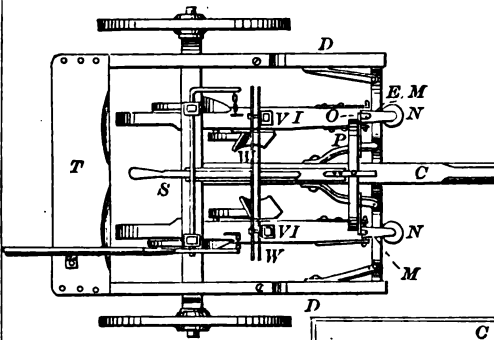
**73171—G. Dittenhaver—Clothes Post.**



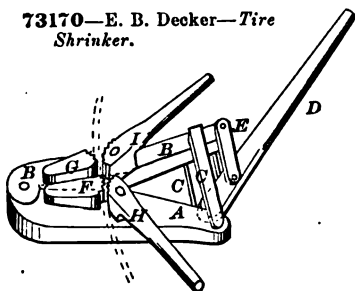
**73168—F. S. Davenport—**  
*Low Water Alarm for*  
*Boilers.*



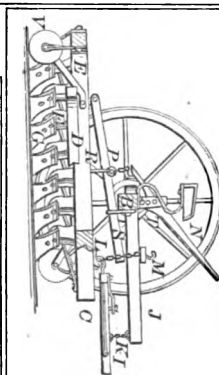
73172—E. Doolittle—*Cultivator*.



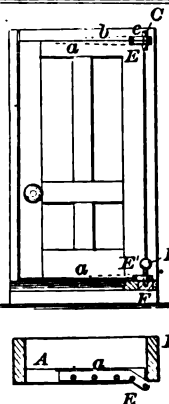
**73170—E. B. Decker—*Tire Shrinker.***



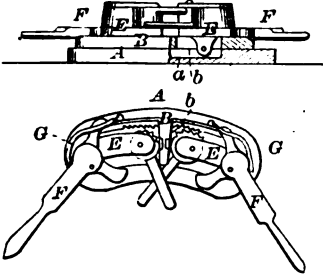
73173—J. W. Doud—*Cultivator*.



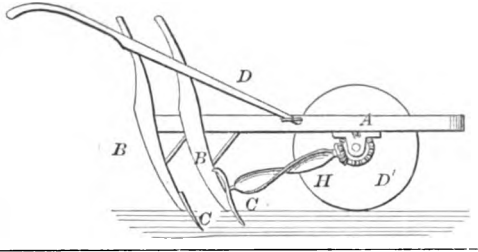
73174—C. Dupre—Door Hinge



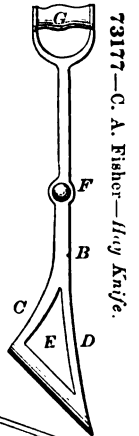
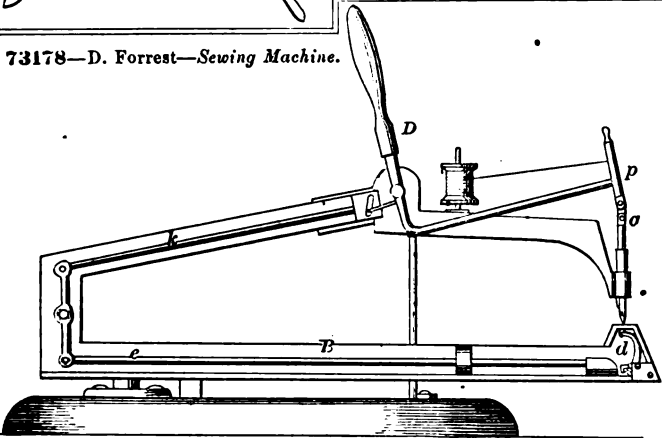
73175—J. Elliott—Tire Shrinking Machine.



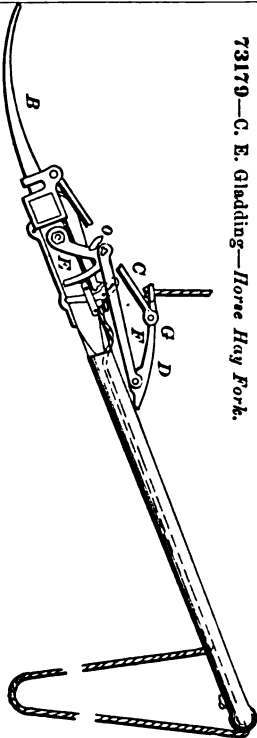
73181—C. A. Harper—Cultivator



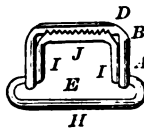
73178—D. Forrest—Sewing Machine.



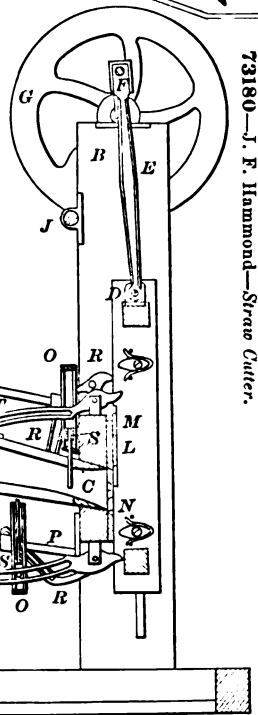
73177—C. A. Fisher—Hay Knife.



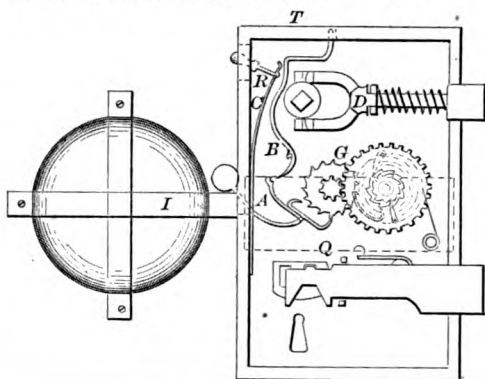
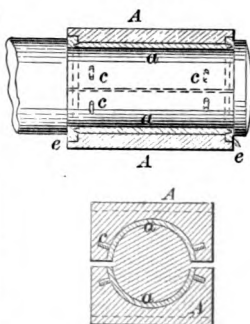
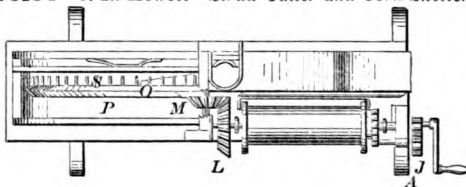
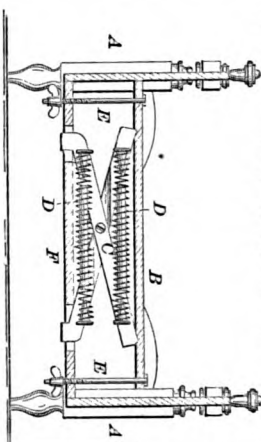
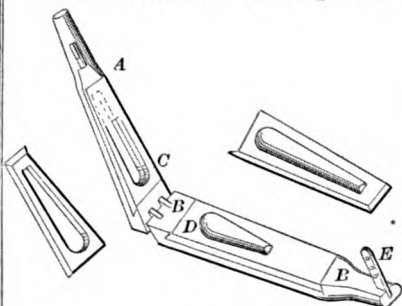
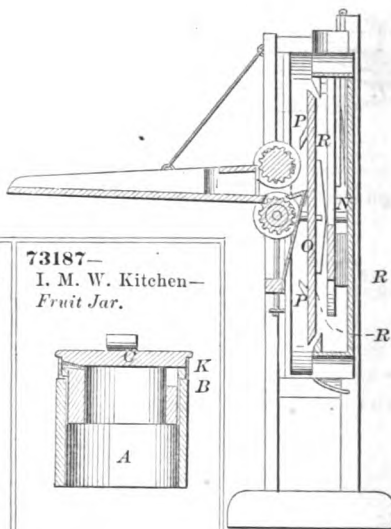
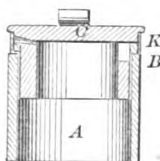
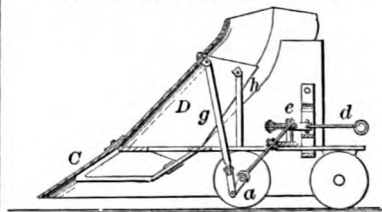
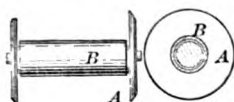
73179—C. E. Gladding—Horse Hay Fork.



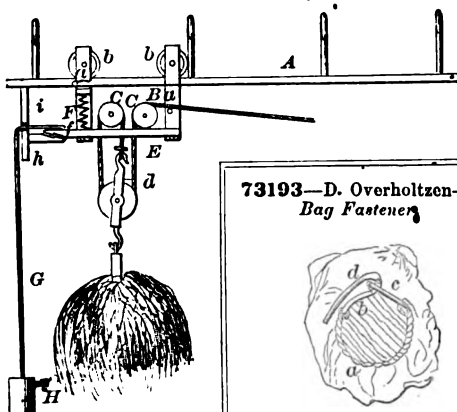
73176—L. Elsborg—Buckle.



73180—J. F. Hammond—Straw Cutter.

73182—P. T. Heminway—*Burglar Alarm Lock.*73183—G. H. Henfield—*Car Axle Box.*73184—C. R. Hewett—*Straw Cutter and Corn Sheller.*73188—G. Koenig—*Spring Bed Bottom.*73186—G. Kennedy—*Pad Crimp Press.*73187—  
I. M. W. Kitchen—*Fruit Jar.*73189—C. Lusted—*Snow Plow.*73185—A. P. Holmes—*Bobbin.*

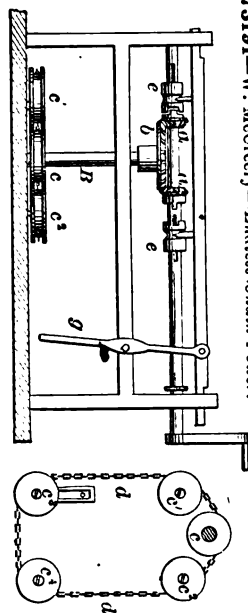
**73190**—H. & L. M. McCown—*Hay Elevator.*



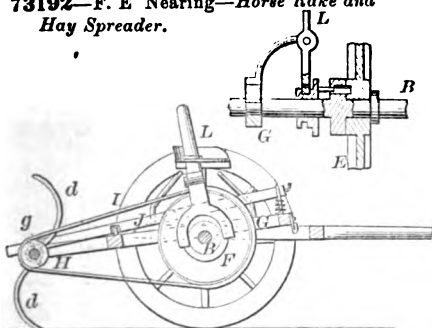
**73193**—D. Overholtzen—*Bag Fastener.*



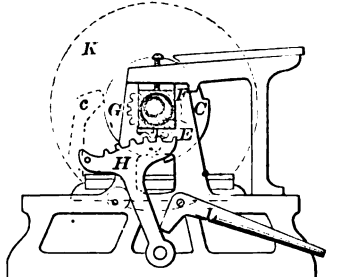
**73191**—W. McCreery—*Endless Chain Power.*



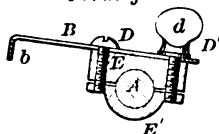
**73192**—F. E. Nearing—*Horse Rake and Hay Spreader.*



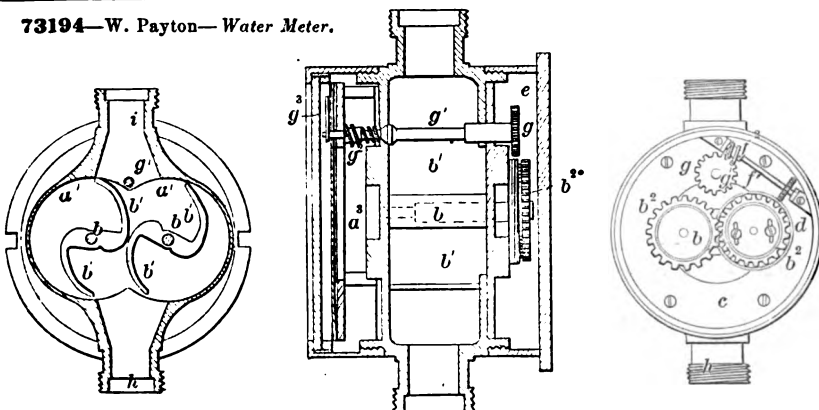
**73195**—C. Potter, Jr.—*Printing Press.*

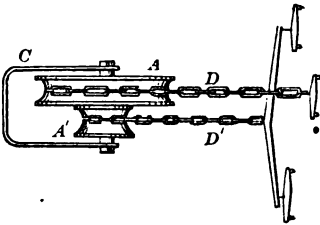
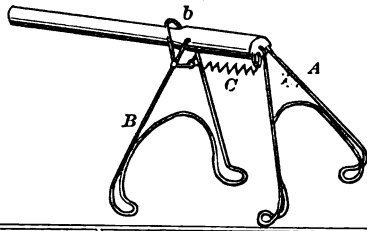
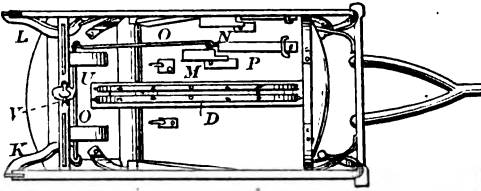
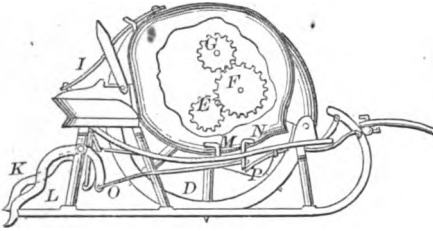
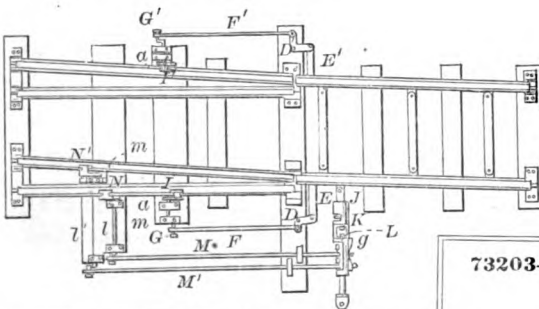
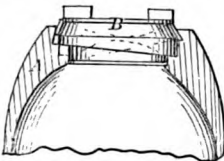
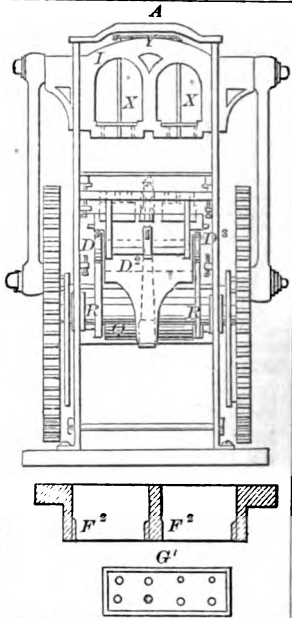
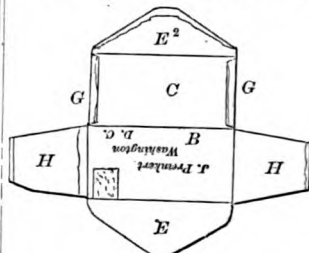


**73196**—C. Potter, Jr.—*Feed Gauge for Printing Presses.*

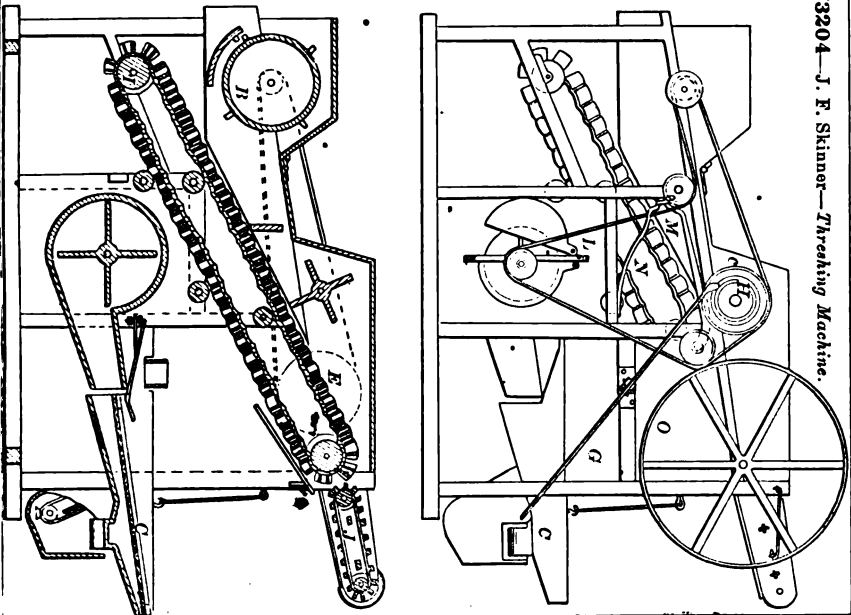


**73194**—W. Payton—*Water Meter.*

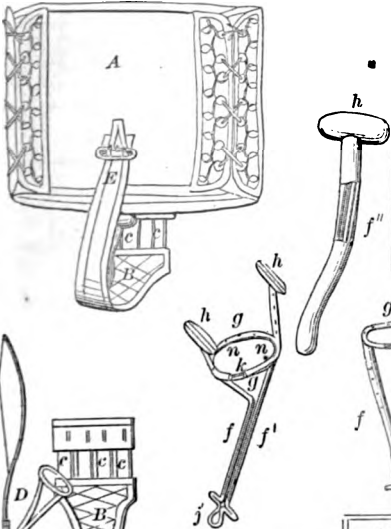


73197—E. M. Potter—*Clevis.*73199—D. E. Roe—*Plate Lifter.*73198—J. Rancevan—*Ice Sleigh.*73200—Rogers & Crane—*Railway Switch.*73202—F. J. Shefferly—*Preserve Jar.*73201—Sangster, Dobbins & Richards—*Brick Machine.*73203—F. M. Shields—*Envelope.*

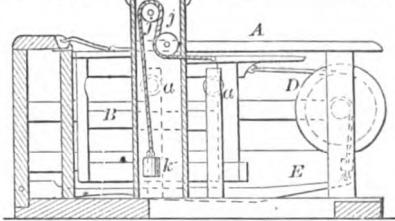
73204—J. F. Skinner—Threshing Machine.



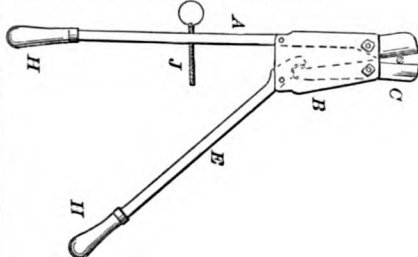
73207—A. J. Steele—Abdominal Supporter.



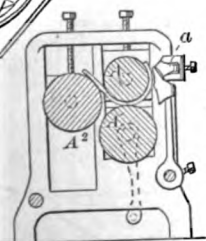
73206—G. P. Stebbins—Gate.

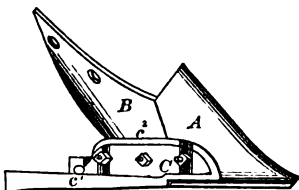
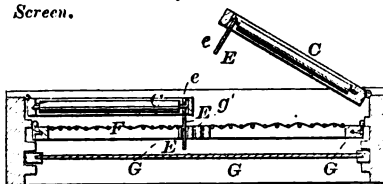
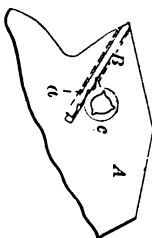
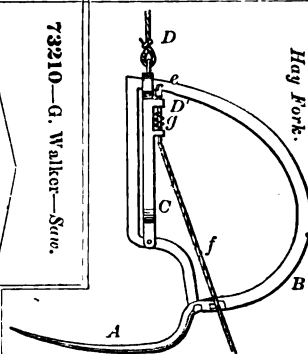
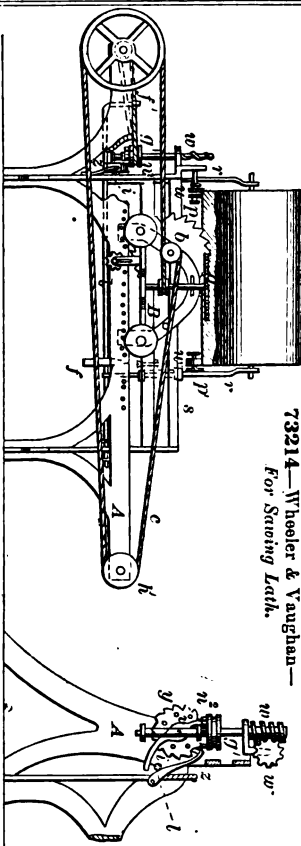
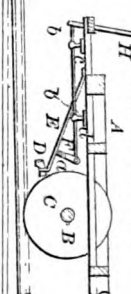
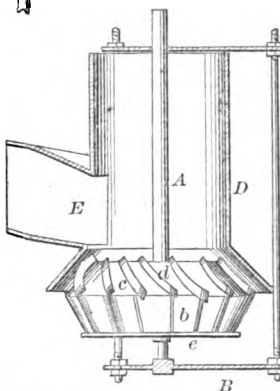
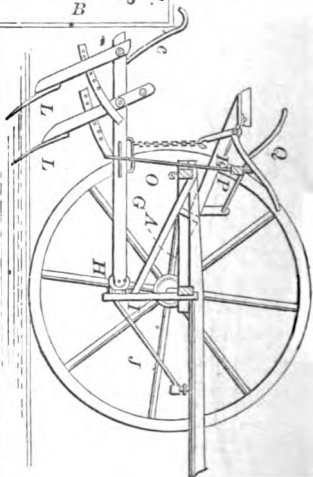
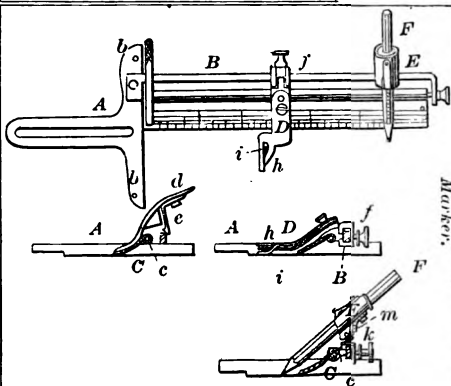


73205—E. A. Sloat—Bolt Cutter.

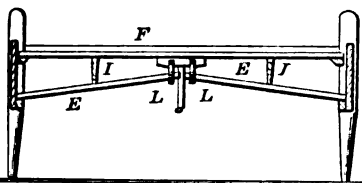


73208—W. Stine—Timbers' Forming Machine.

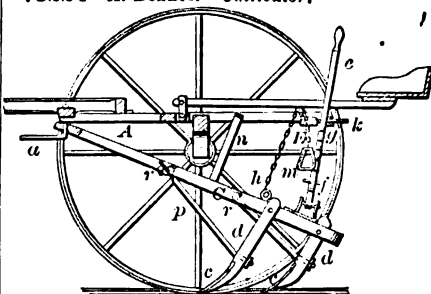


73209—J. Urie—*Plow.*73213—J. R. Wharry—*Ventilator and Window Screen.*73210—G. Walker—*Scie.*73211—J. H. Walker—*Horse Hog Fork.*73214—Wheeler & Vaughan—*For Sowing Lath.*73212—E. B. Voss—*Scraper Attachment to Corn.*73215—Wheeler & Allen—*Water Wheel.*73217—J. Widman—*Cultivator.*73216—J. P. White—*Seeding Machine Marker.*

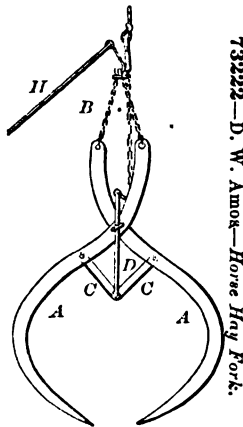
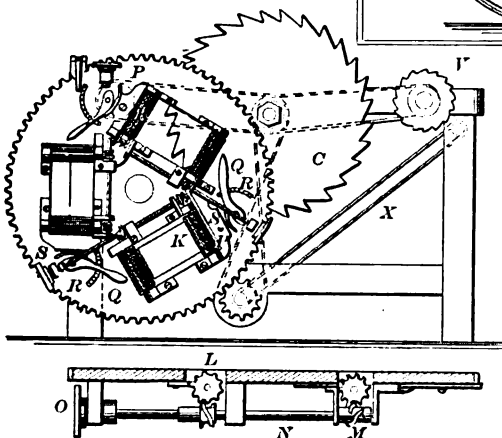
73218—S. J. Wingate—*Bed Bottom.*



73224—A. Bennett—*Cultivator.*

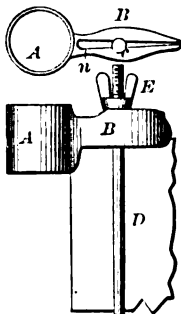
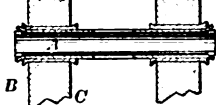


73219—H. Woodman—*Shingle Machine.*

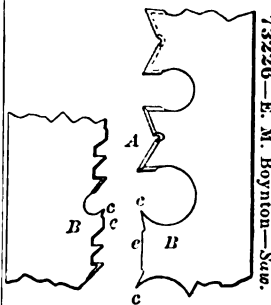


73222—D. W. Amos—*Horse Hay Fork.*

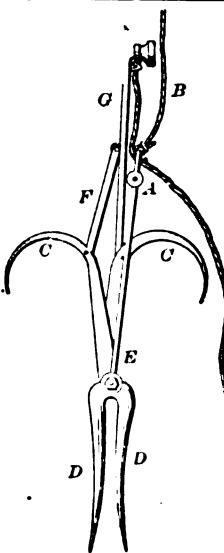
73221—H. Allen—*Connecting Tubes with Heads of Condensers.*



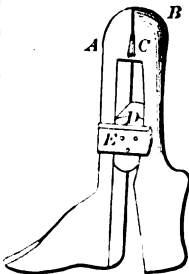
73227—E. M. Boynton—*Saw Tang.*



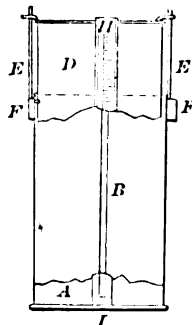
73226—E. M. Boynton—*Saw.*



73223—L. Alwater—*Horse Hay Fork.*

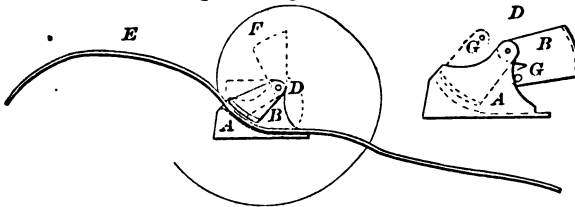
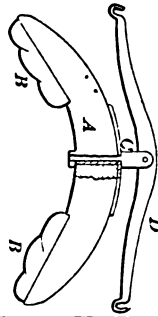
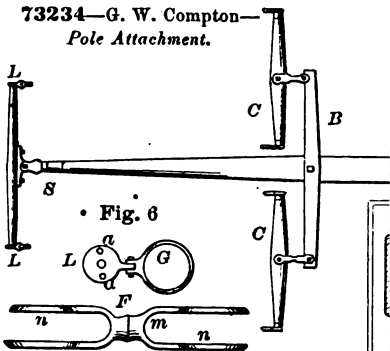
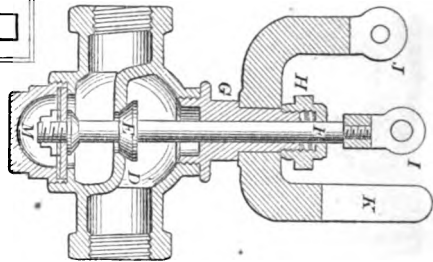
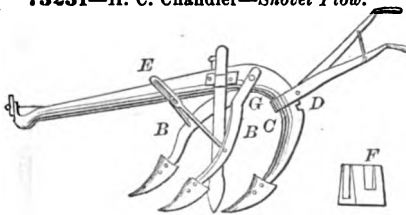
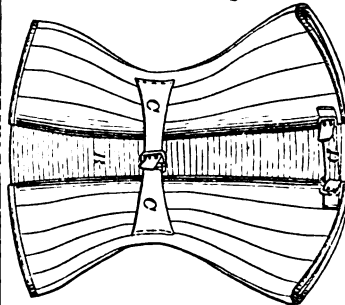
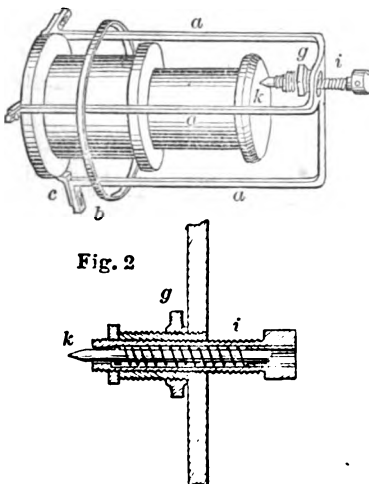
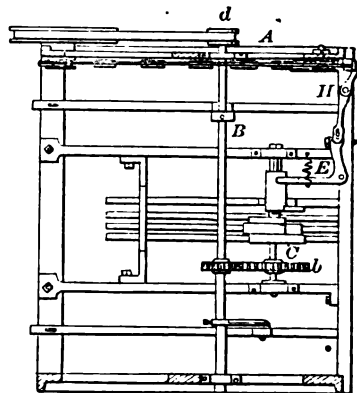


73228—A. N. Breneman—*Shoe Holder.*

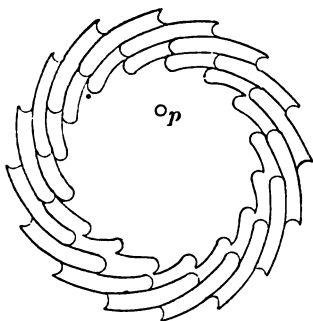


73220—G. W. Brown—*Spirometer.*

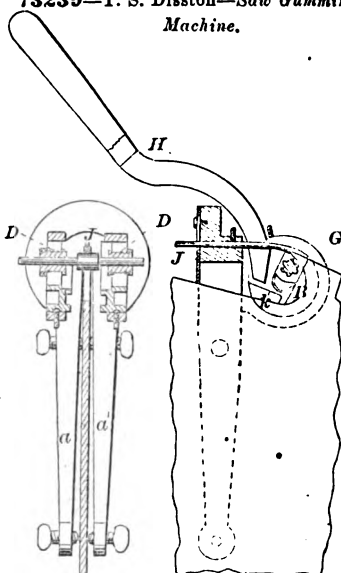


**73230—H. W. Burgess—Strap Holder.****73236—P. K. Cunliffe—Cart Harness.****73234—G. W. Compton—Pole Attachment.****73232—G. E. Chenoweth—Feed Water Valve.****73231—H. C. Chandler—Shovel Plow.****73235—C. Z. Cummings—Corset.****73233—C. J. Clifford—For Determining Deviation of Locomotive Crank Pins.****73237—J. Deakin—Loom.**

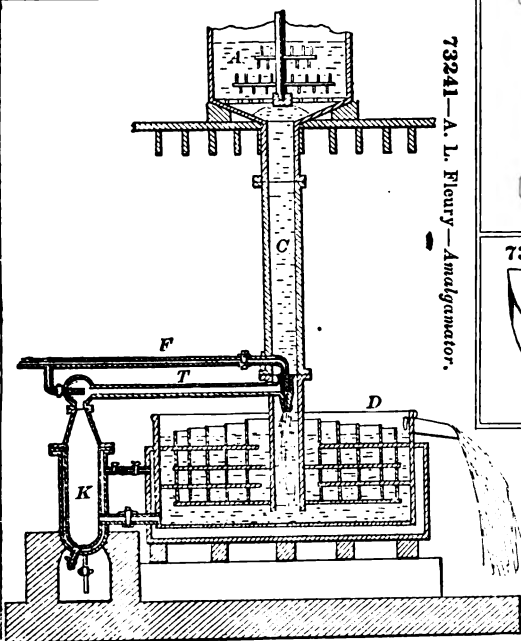
73238—H. Disston—Circular Saw.



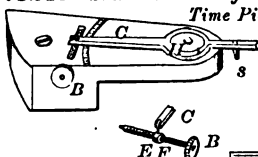
73239—T. S. Disston—Saw Gumming Machine.



73241—A. L. Fleury—Analyzer.



73240—S. F. Estell—Regulator for Time Pieces.



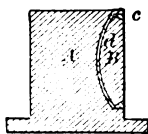
73244—R. A. Goodyear—Necktie Fastener.



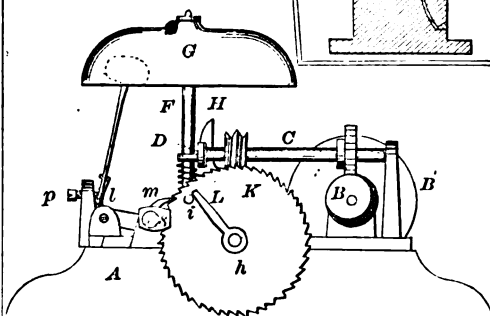
73242—G. L. Gerard—Buckle.



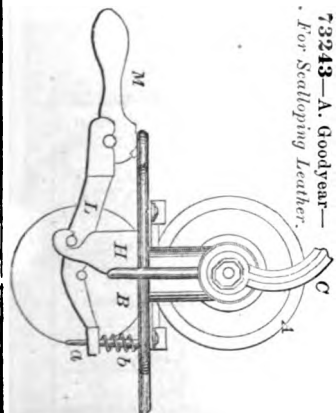
73245—J. Harden—Anti-Friction Bearing.



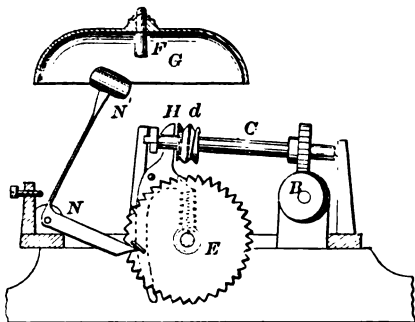
73247—Hilton & Redfield—Alarm for Grist Mills.



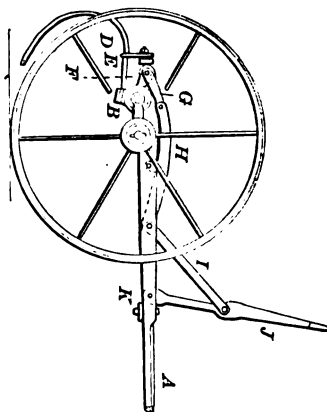
73243—A. Goodyear—For Sealing Leather.



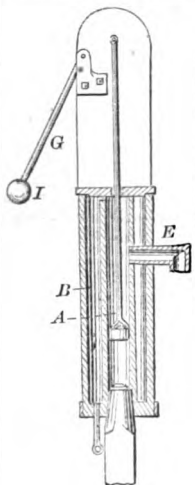
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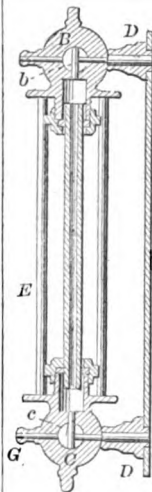
73248—B. F. Horton—Horse Luke.



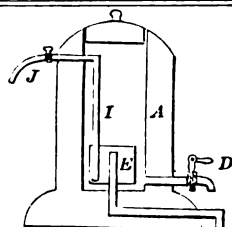
73253—J. McBride—Pump.



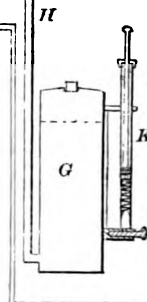
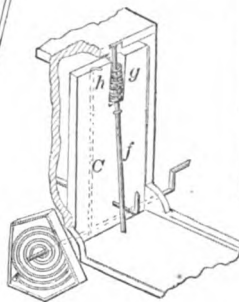
73250—J. S. Hunter—Steam Generator Water Gauge.



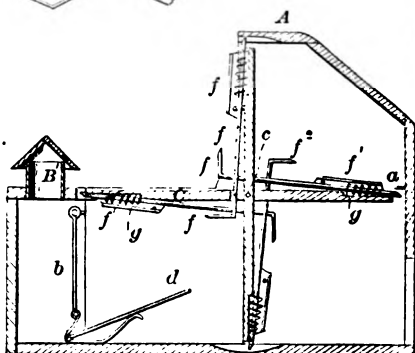
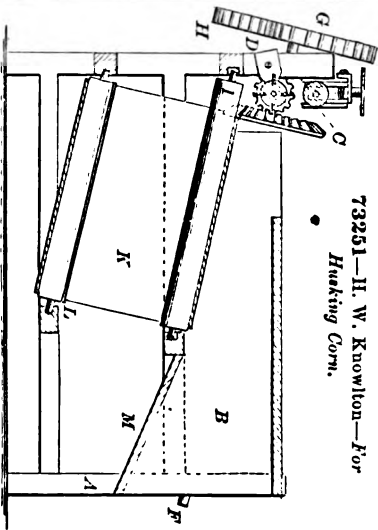
73249—J. S. Hull—Soda Fountain.



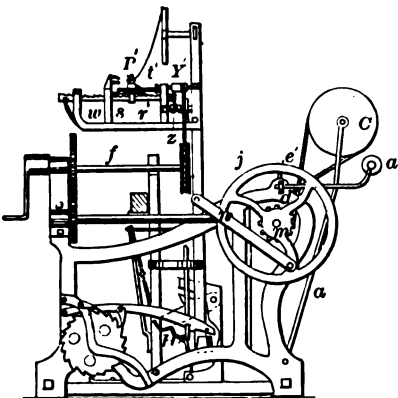
73254—O. Metcalf—Animal Trap.



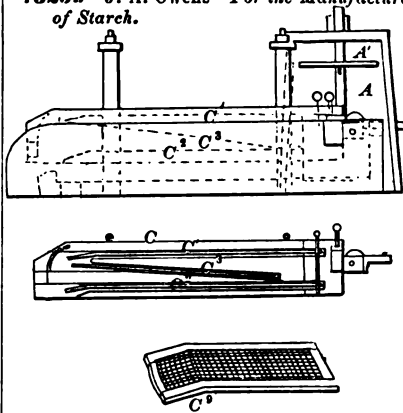
73251—H. W. Knowlton—For Husking Corn.



73256—Nute & Hathorn—Hand Loom.



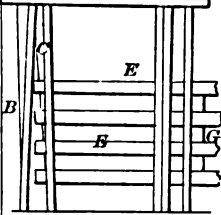
73259—J. A. Owens—For the Manufacture of Starch.



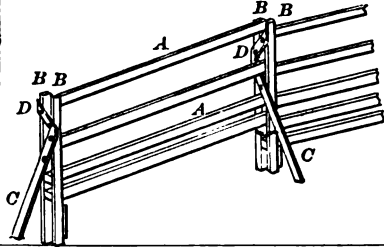
73255—W. A. Morse—Pen.



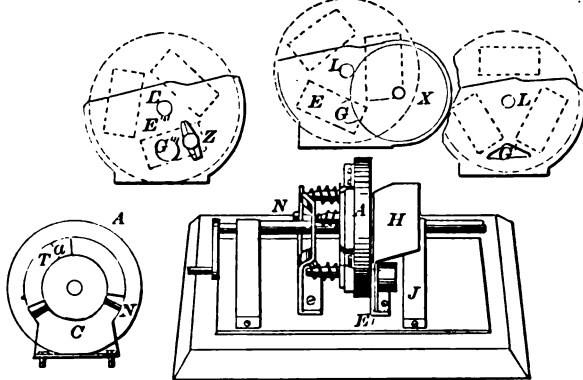
73257—Olds & Clark—Fence.



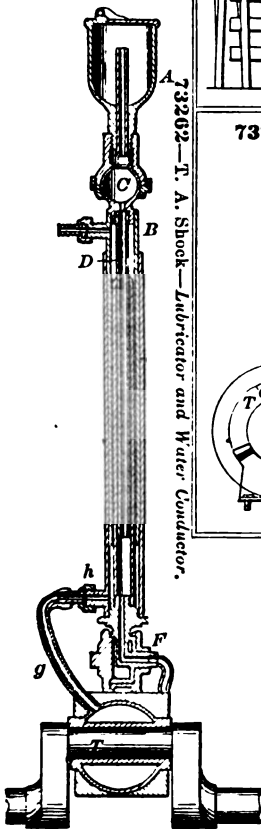
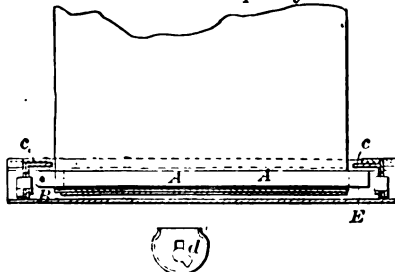
73260—M. A. Pratt—Fence.



73258—S. J. Parker—Brick Machine.



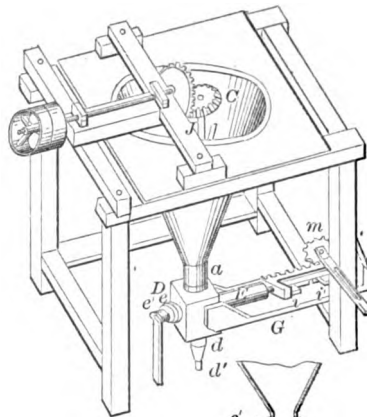
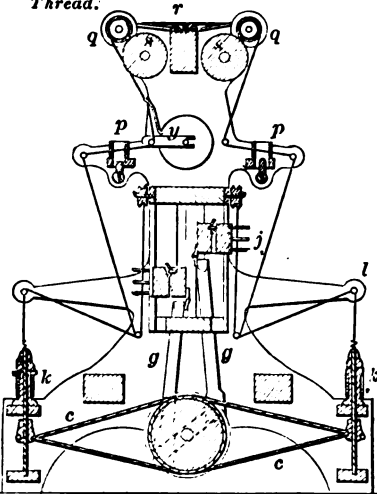
73261—N. M. Shafer—Temporary Binder.



73262—T. A. Shock—Shock-Lubricator and Water Conductor.

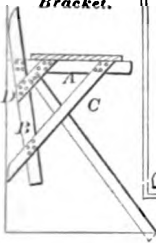


**73269—W. W. Trapp—For Polishing Thread.**

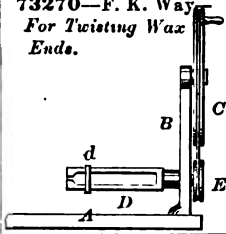


**73272—J. Wilcox—For Filling Paint Cans.**

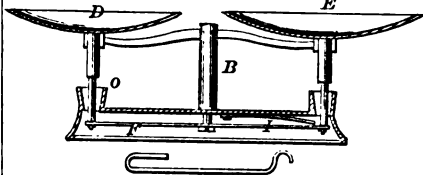
**73274—J. S. Wilson—Bracket.**



**73270—F. K. Way—For Twisting Wax Ends.**



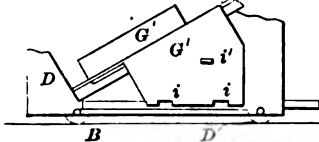
**73273—J. D. Willoughby—Weighing Scales.**



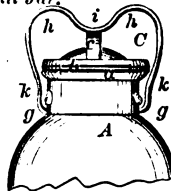
**73275—B. F. Woodside—Friction Matches.**



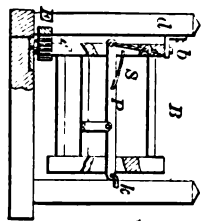
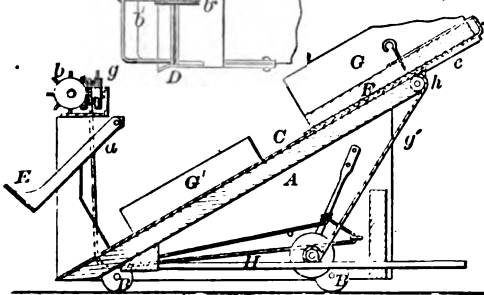
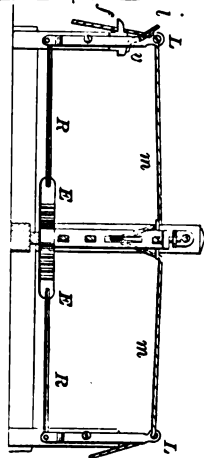
**73276—J. R. Adams—Snow Plow.**

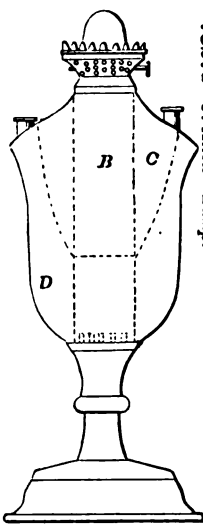


**73271—E. B. Whitmore—Fruit Jar.**



**73277—R. Adams—Gate.**





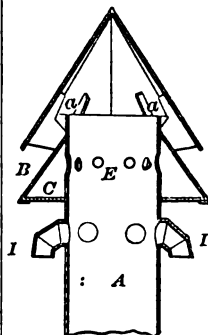
73278—J. Allen—Lamp.



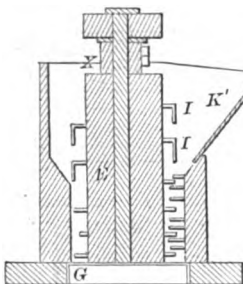
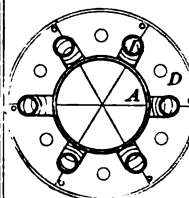
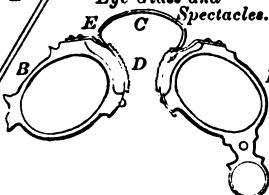
73286—W. W. Beebe—Harness Attachment.



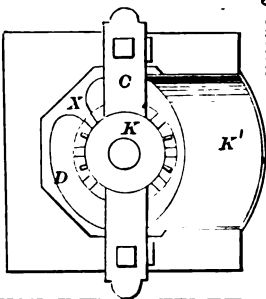
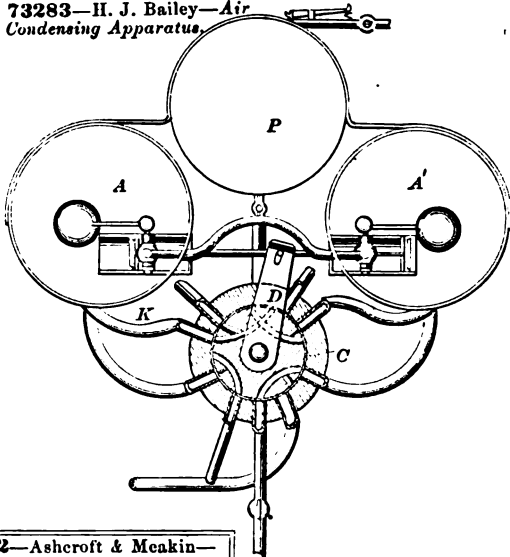
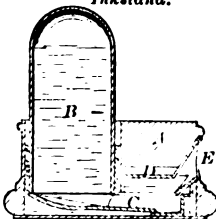
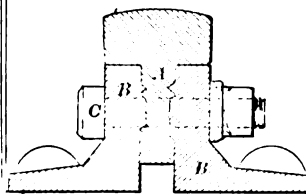
73279—C. H. Amdon—Bit Stock.



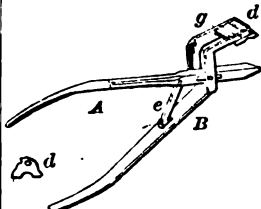
73280—J. W. C. Anderson—Ventilator and Chimney Coal.

73285—J. J. Bausch—  
Eye Glass and Spectacles.

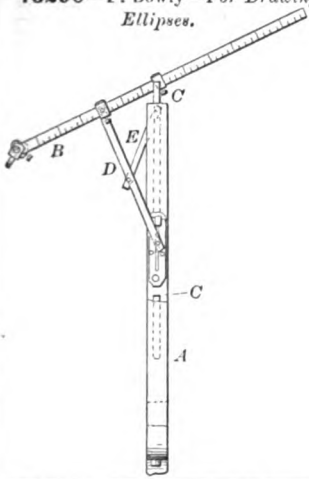
73281—B. Armstrong—For Making Cheese.

73283—H. J. Bailey—Air  
Condensing Apparatus.73284—N. G. Bartlett—  
Inkstand.73282—Ashcroft & Meakin—  
Railroad Rail.

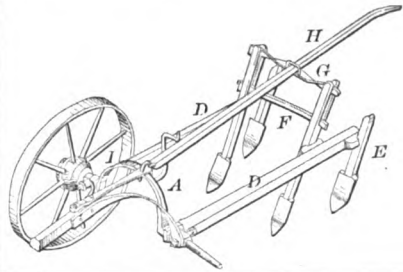
73289—J. Bounds—Pliers.



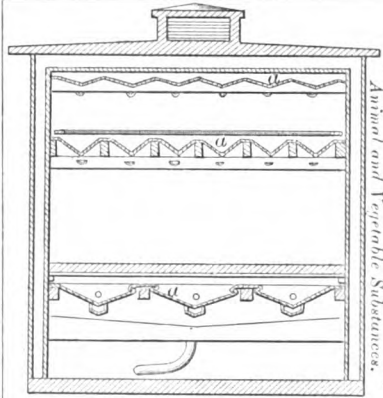
**73290**—F. Bowly—*For Drawing Ellipses.*



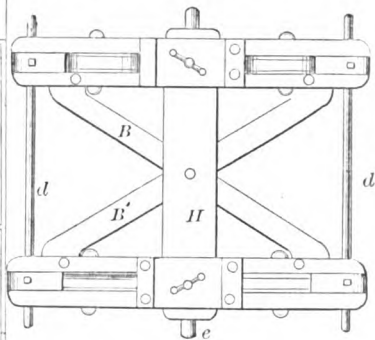
**73291**—J. C. Boyd—*Cultivator.*



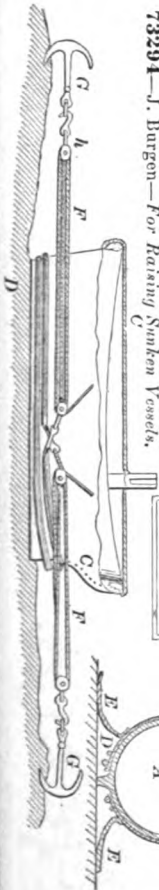
**73292**—E. D. Brainard—*For Preserving Animal and Vegetable Substances.*



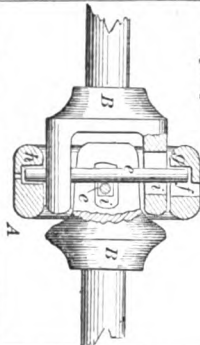
**73295**—H. T. Carter—*Car Truck.*



**73294**—J. Burgen—*For Raising Sunken Vessels.*



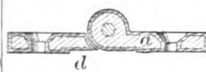
**73293**—J. Brayley—*Soft Coupling.*



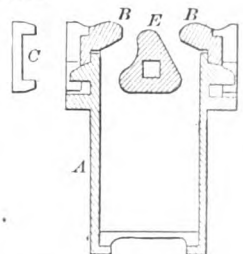
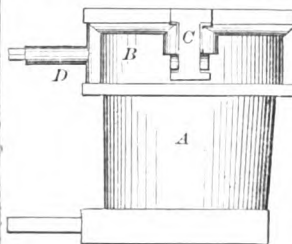
**73296**—S. Carusi—*Postage Stamp.*



**73297**—S. A. Chapman—*Hinge.*

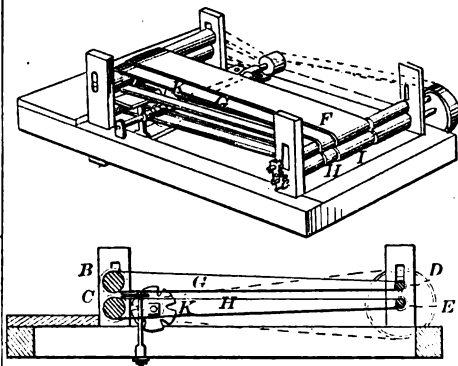


**73299**—R. W. Clark—*Tugger Iron.*

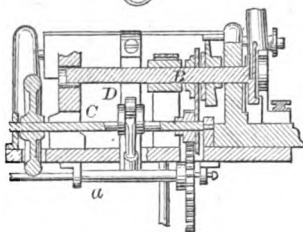
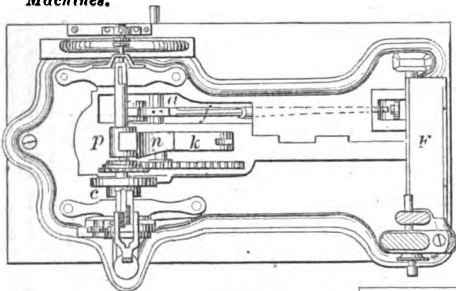




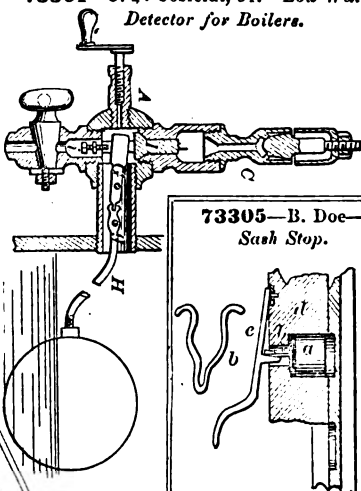
**73299**—Collins & Nixon—*Seaming and Rag Cutting Machine.*



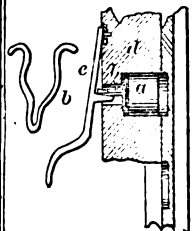
**73303**—G. Cuppers—*For Operating Sewing Machines.*



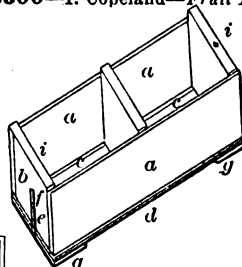
**73301**—C. F. Cosfeldt, Jr.—*Low Water Detector for Boilers.*



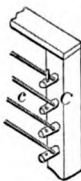
**73305**—B. Doe—*Sash Stop.*



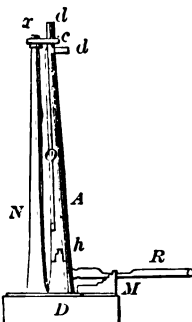
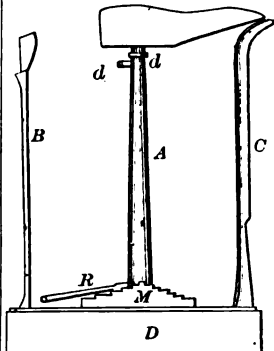
**73300**—I. Copeland—*Fruit Box.*



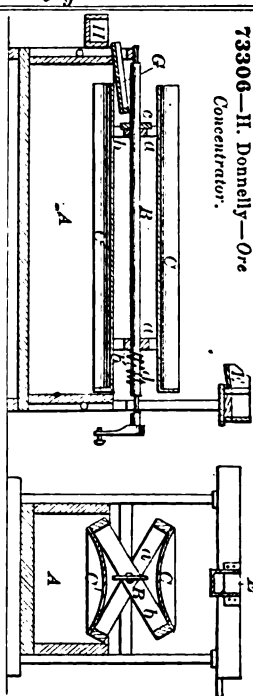
**73302**—F. H. Crandall—*For Straining Wire Fences.*



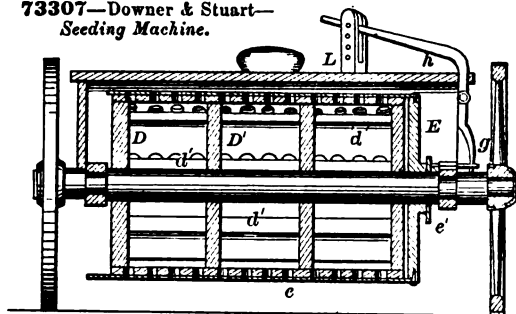
**73304**—H. T. Dillon—*For Holding Boots and Shoes.*



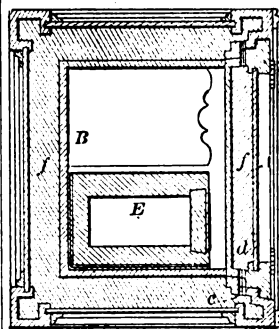
**73306**—H. Donnelly—*Ore Concentrator.*



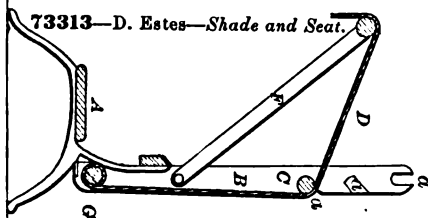
**73307—Downer & Stuart—  
Seeding Machine.**



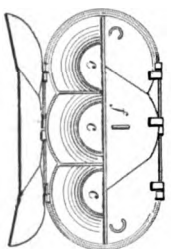
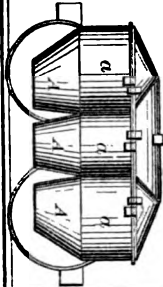
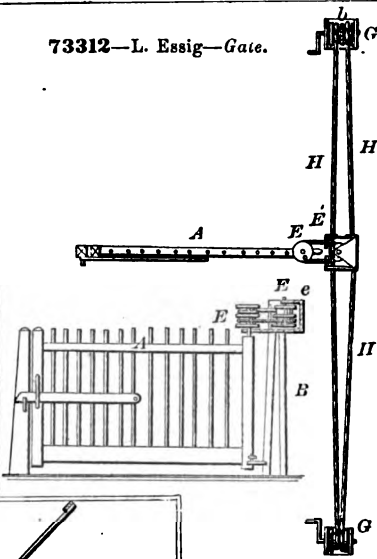
**73309—Draper & Glover—  
Fireproof Safe.**



**73313—D. Estes—Shade and Seat.**



**73312—L. Essig—Gate.**

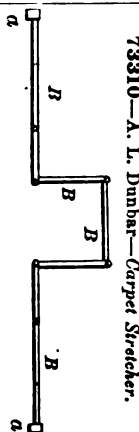
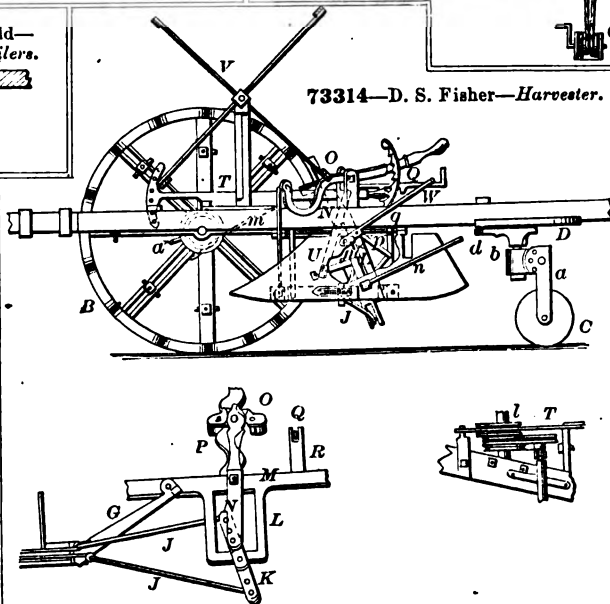


**73308—S. W. Downey—  
Freight Car.**

**73311—T. G. Eiswald—  
Safety Plug for Boilers.**

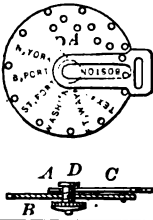


**73314—D. S. Fisher—Harvester.**

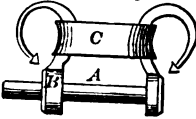


**73310—A. L. Dunbar—Carpet Stretcher.**

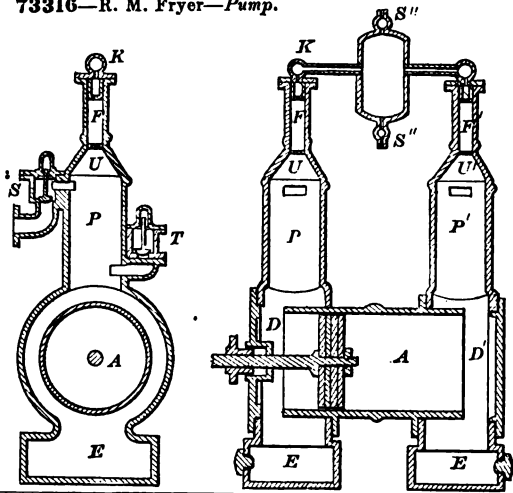
**73315—E. Flather—  
Baggage Check.**



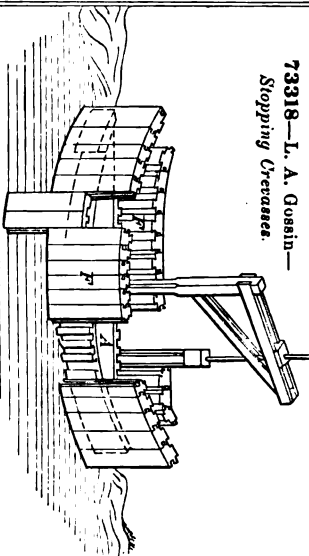
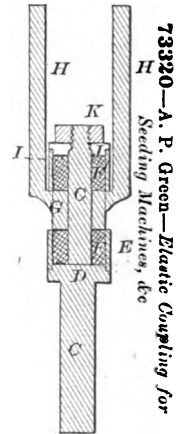
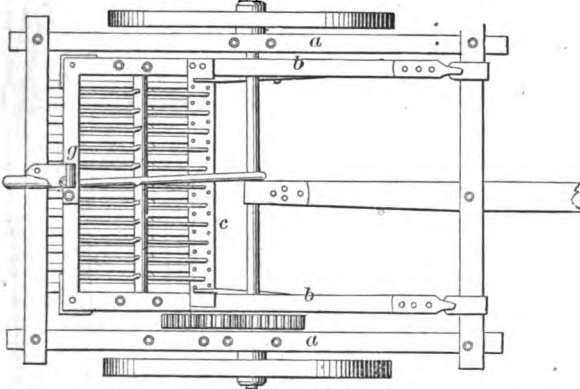
**73317—W. W. Goff—  
Thill Coupling.**



**73316—R. M. Fryer—Pump.**

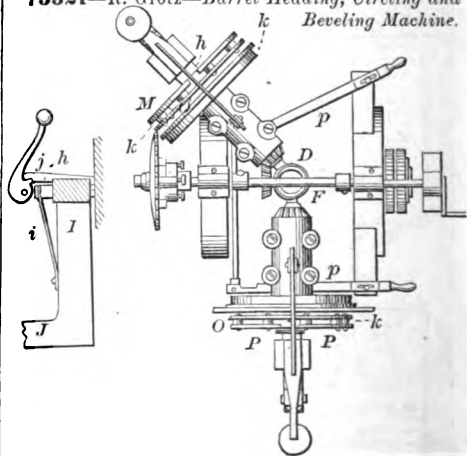


**73319—Gray & Calhoun—Potato Digger.**

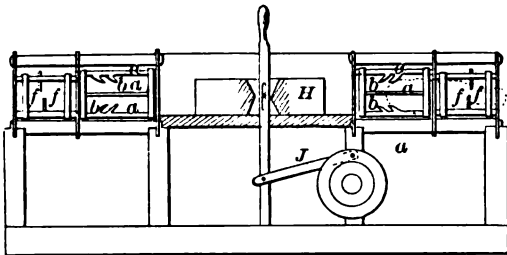



**73318—L. A. Gossin—  
Stopping Creosote.**

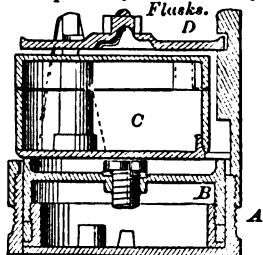
**73321—R. Grotz—Barrel Heading, Circling and  
Beveling Machine.**



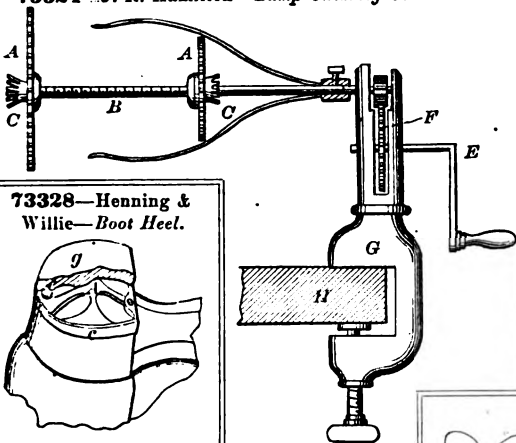
**73323—J. R. Hamilton—*Corn Sheller.***



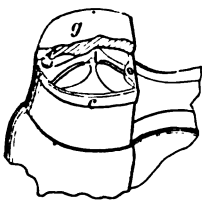
**73326**—G. E. Hayes—*Steam Compressor for Vulcanizing Flasks.* 



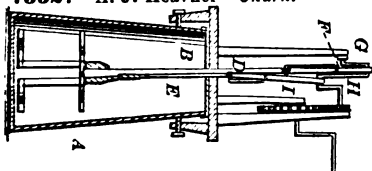
**73324—J. R. Hamilton—*Lump Chimney Cleaner.***



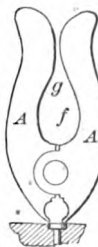
**73328—Henning & Willie—*Boot Heel.***



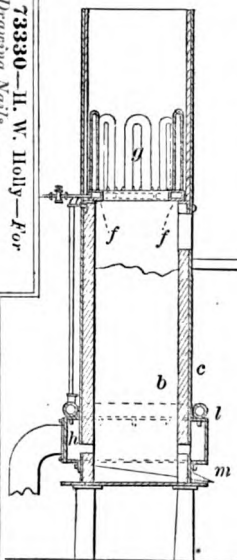
**73327—A. J. Heavner—Churn.**



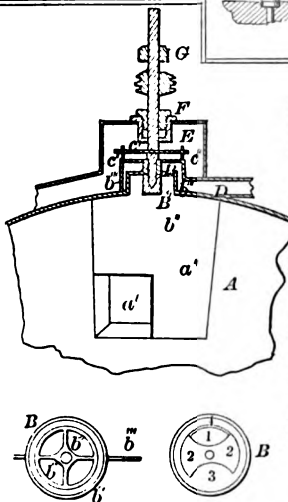
73330—H. W. Holly—For  
Dracing Nails.



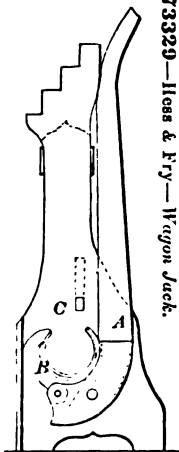
733333—J. Howarth—Cupola Furnace.

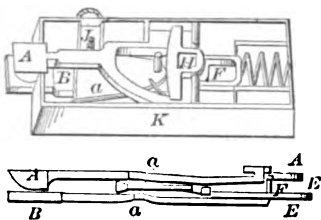
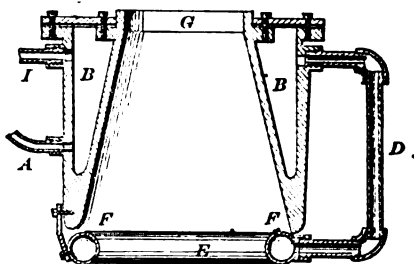
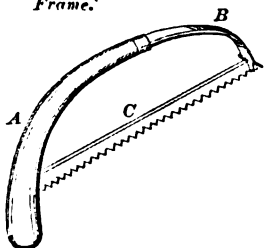
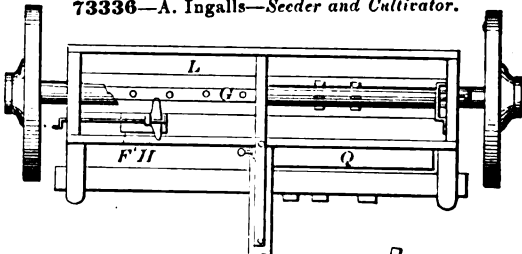
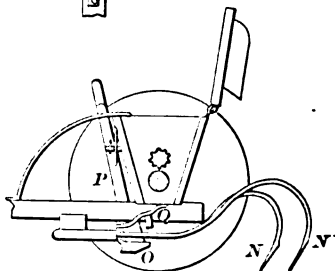
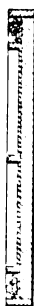
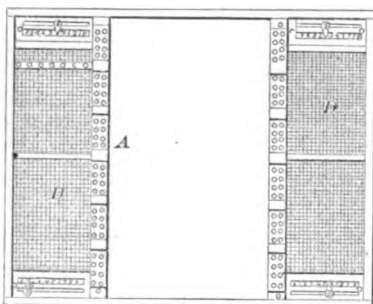
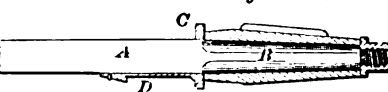
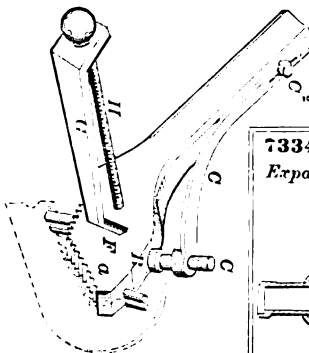
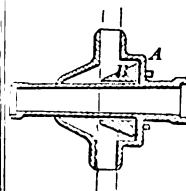
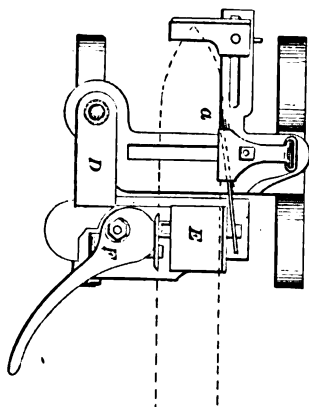


733332—T. C. Hopper—*Dry Gas Meter.*

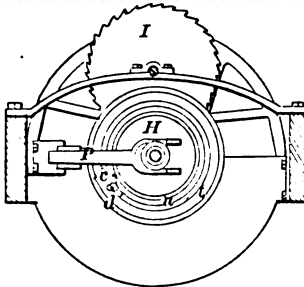
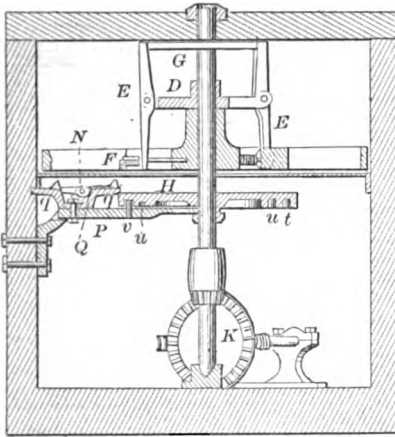


**73329—Hess & Fry—Wagon Jack.**

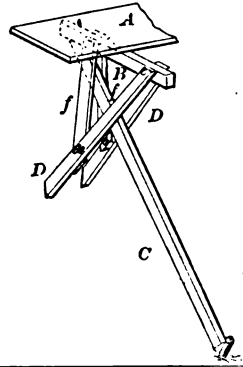


**73334**—W. L. Imlay—*Locking Knob Latch.***73335**—W. L. Imlay—*Hydro Carbon Burner.***73341**—M. J. Jones—*Saw Frame.***73336**—A. Ingalls—*Seeder and Cultivator.***73337**—R. S. Jennings—*Cribbage Board.***73340**—D. Jones—*Wagon Axle.***73338**—N. Johnson—*Seage for Saw Teeth.***73342**—A. I. Judge—*Expanding Wheel Hub.***73339**—W. W. Johnson—*For Pointing Pickets.*

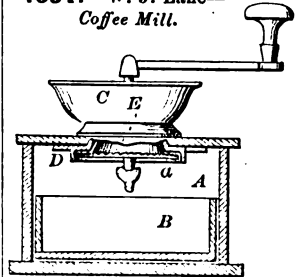
**73343**—R. Keith—*Shingle Machine.*



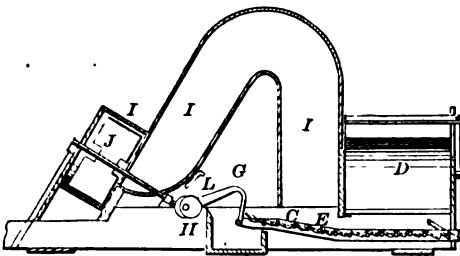
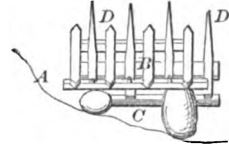
**73346**—Lamb & Livings—*Scaffold.*



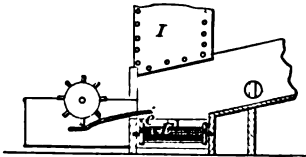
**73347**—W. J. Lane—*Coffee Mill.*



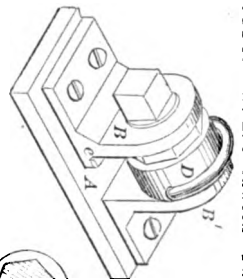
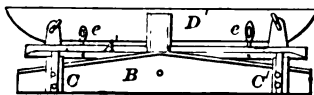
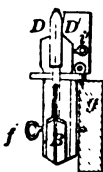
**73345**—H. A. Kephart—*Stream or River Fence.*



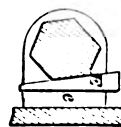
**73348**—L. B. Lathrop—*Threshing Machine and Grain Separator.*



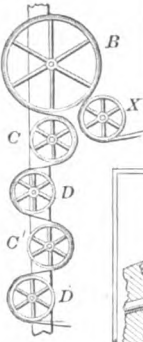
**73344**—C. Kendig—*Clamp for Filing Saws.*



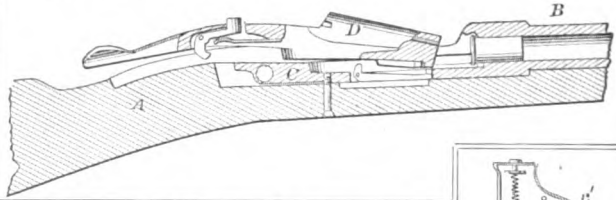
**73349**—W. E. Lockwood—*Fastening for Wire Fences.*



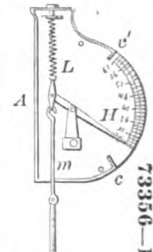
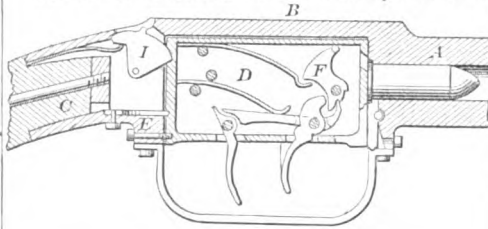
73350—W. E. Lockwood—For Drilling Envelopes.



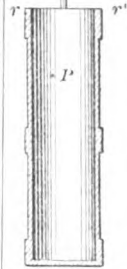
73351—H. Lord—Cartridge Extractor.



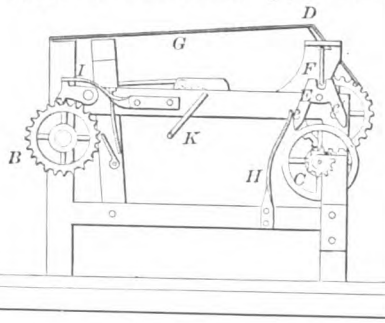
73357—J. E. McBeth—Breech-Loading Fire Arm.



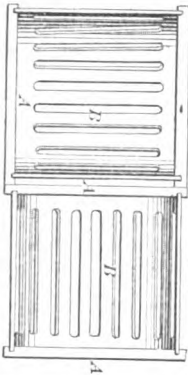
73356—B. Martin—Pocket Grain Tester.



73353—J. A. Marden—Let-off for Looms.

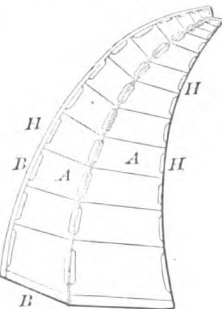
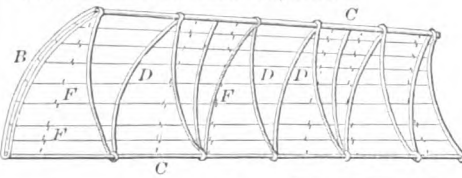


73358—E. P. McCeney—Lock Catch.

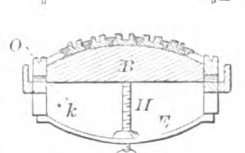
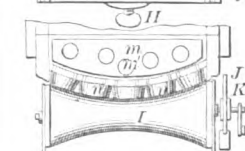
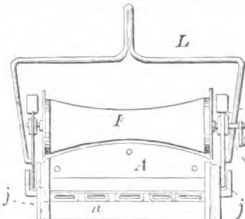
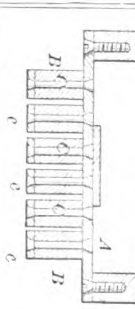


73352—T. Mahbert, Jr.—Berry Box.

73355—W. M. Marshall—Reflector.

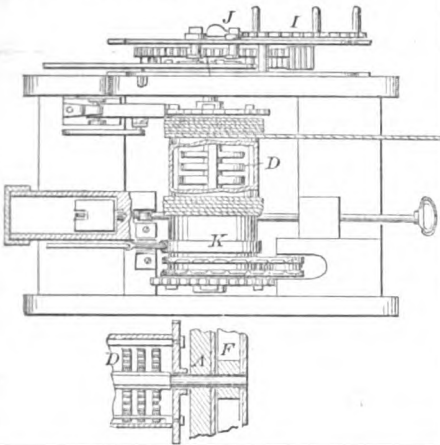


73354—G. F. Marks—Mould for Manufacturing Tobacco.

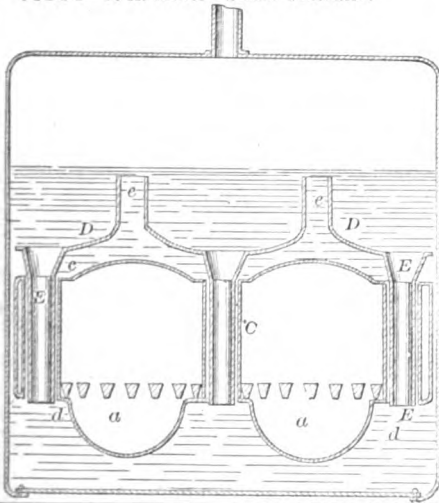


73359—J. McDermott—Elastic Printing Apparatus.

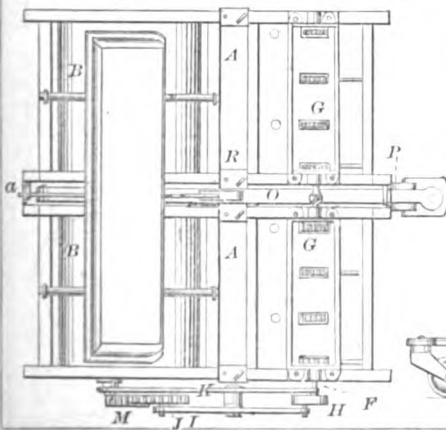
73360—W. G. McIvor—Windlass.



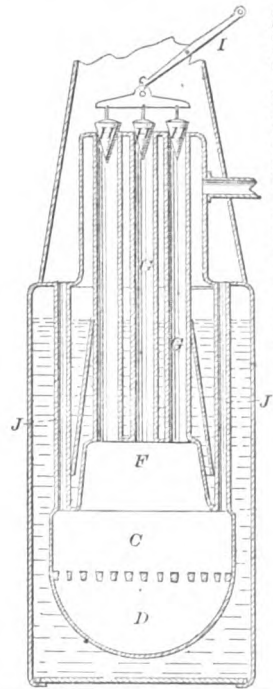
73364—J. A. Miller—Steam Generator.



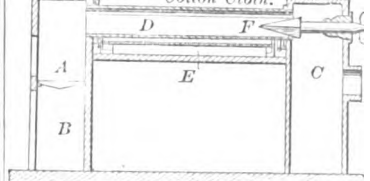
73365—T. S. Mills—Drill, Roller and Cultivator.



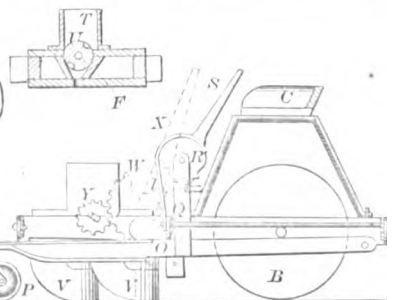
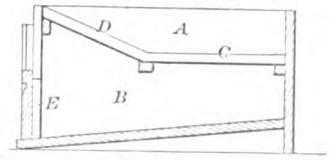
73363—J. A. Miller—Steam Generator.



73362—J. A. Miller—For Singeing Cotton Cloth.

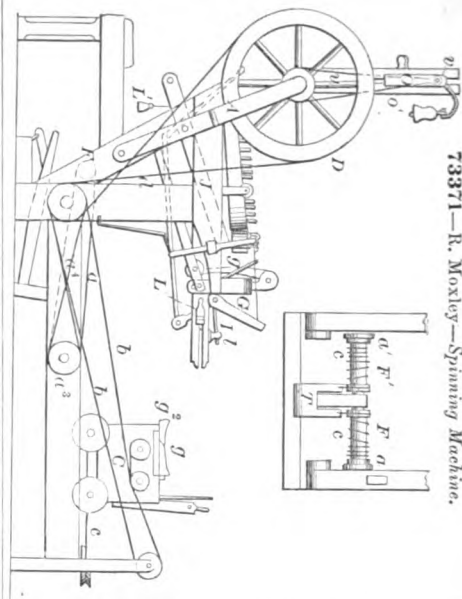
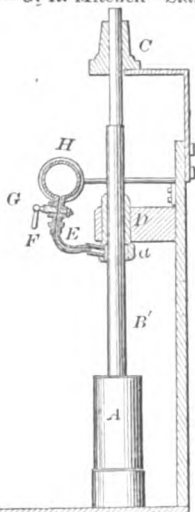


73361—J. A. Miller—Ash Sifter.



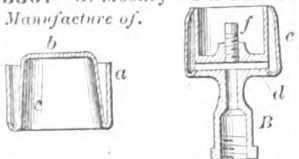


73366—G. R. Mitchell—Stamp Mill.

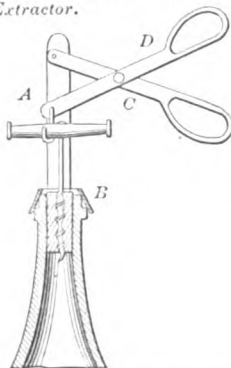


73371—R. Moxley—Spinning Machine.

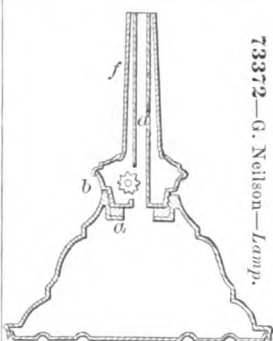
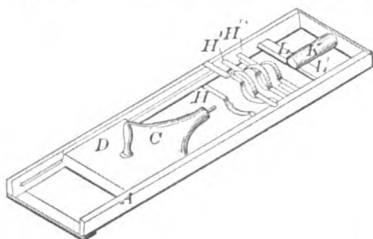
73367—G. Mooney—Gas Burners  
Manufacture of.



73370—J. Morton—Cork  
Extractor.



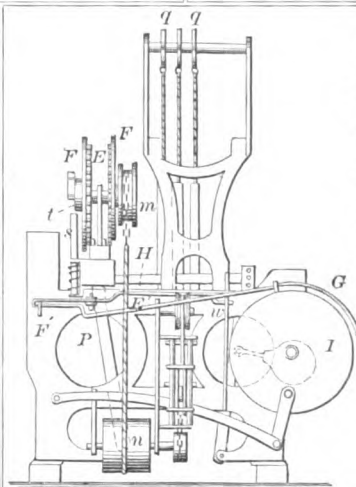
73373—H. & J. S. B. Norton—Apple Slicer.



73372—G. Nelson—Lamp.

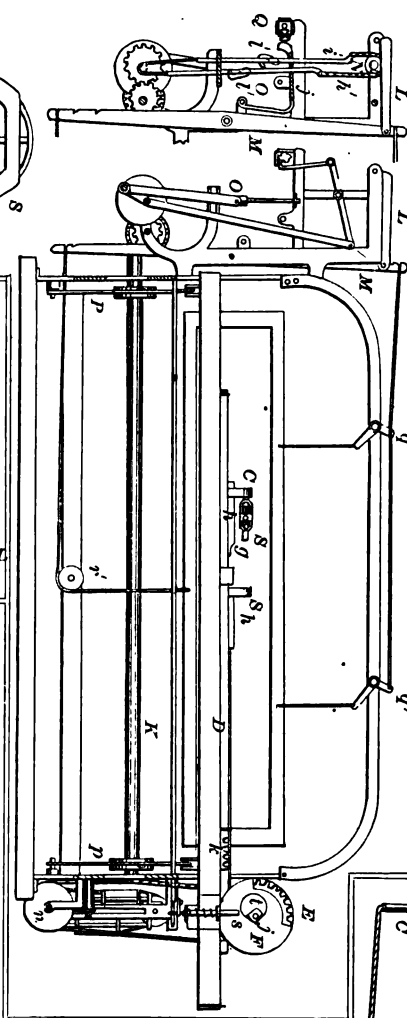


73368—T. Moore—Horse Collar.

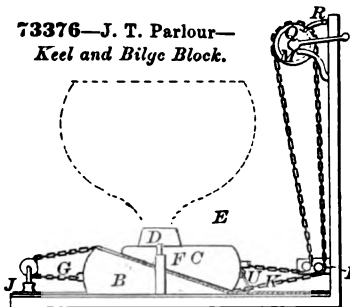


73374—B. & E. Oldfield—Loom.

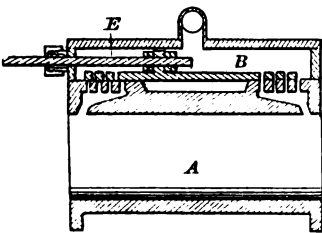
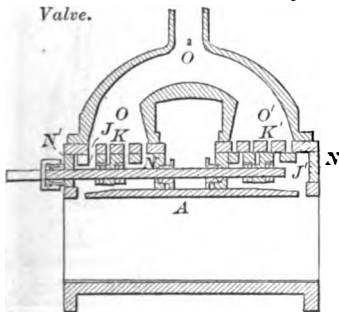
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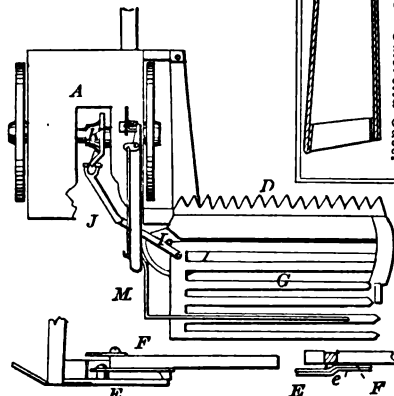
**73376—J. T. Parlour—**  
*Keel and Bilge Block.*



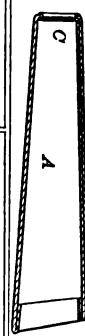
**73381—W. G. Pike—Steam Engine**  
*Valve.*



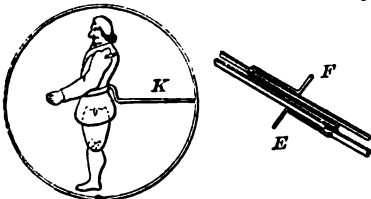
**73380—G. M. Peters—**  
*Platform for Harvesters.*



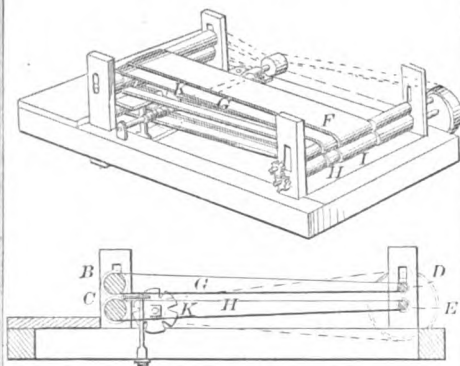
73378—S. H. Pearce—Umbrella Case.



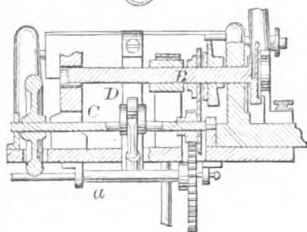
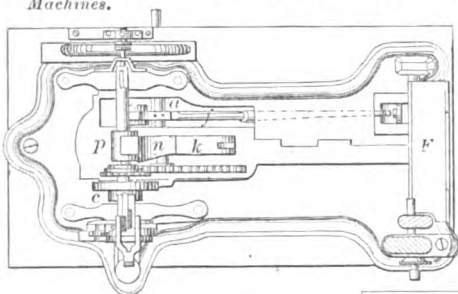
**73379—H. G. Pearson—Mechanical Toy.**



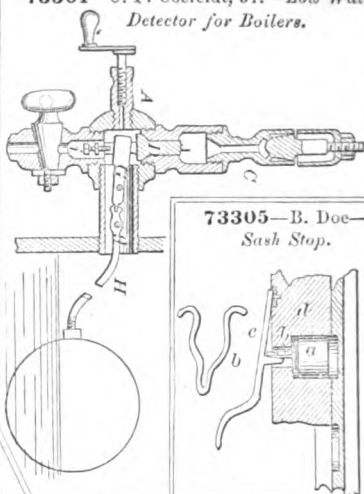
**73299**—Collins & Nixon—*Seaming and Rag Cutting Machine.*



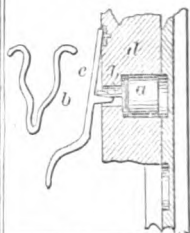
**73303**—G. Cuppers—*For Operating Sewing Machines.*



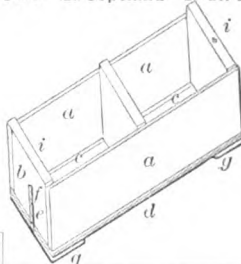
**73301**—C. F. Cosfeldt, Jr.—*Low Water Detector for Boilers.*



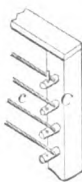
**73305**—B. Doe—*Sash Stop.*



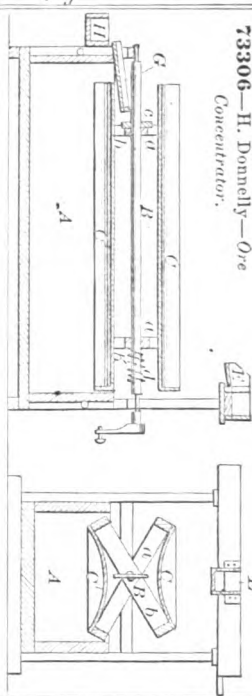
**73300**—I. Copeland—*Fruit Box.*



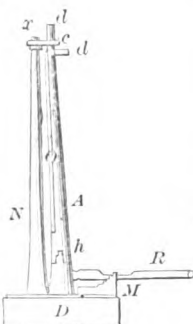
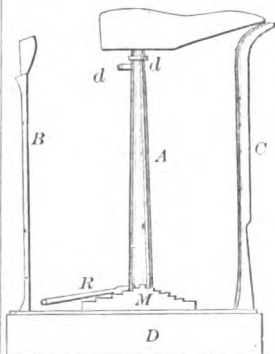
**73302**—F. H. Crandall—*For Straining Wire Fences.*



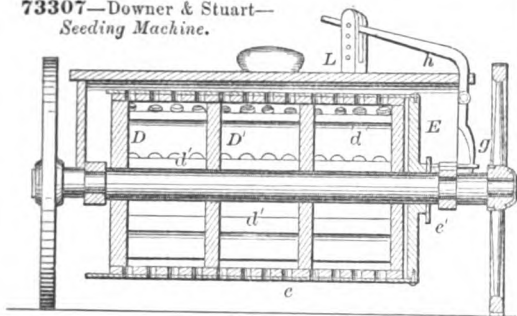
**73306**—H. Donnelly—*Ore Concentrator.*



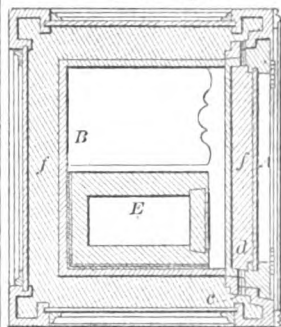
**73304**—H. T. Dillon—*For Holding Boots and Shoes.*



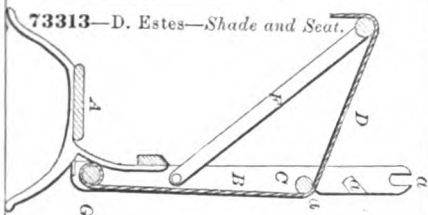
**73307**—Downer & Stuart—  
*Seeding Machine.*



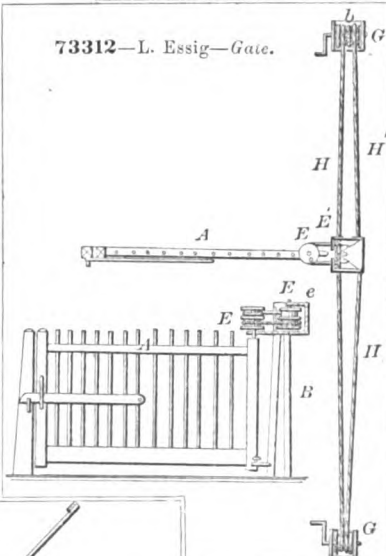
**73309**—Draper & Glover—  
*Fireproof Safe.*



**73313**—D. Estes—*Shade and Seat.*



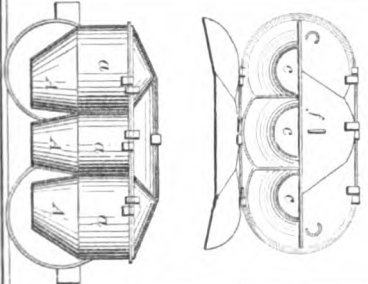
**73312**—L. Essig—*Gate.*



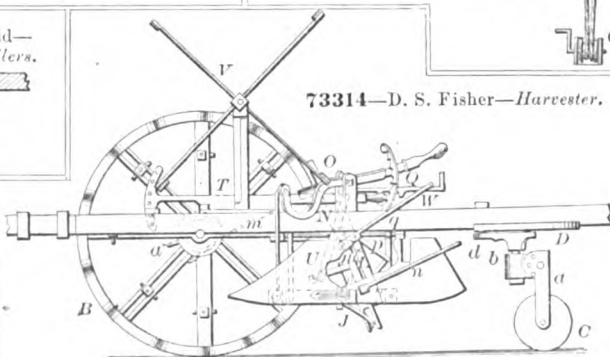
**73311**—T. G. Eiswald—  
*Safety Plug for Boilers.*



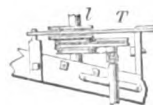
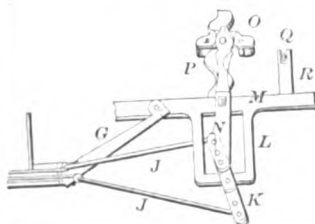
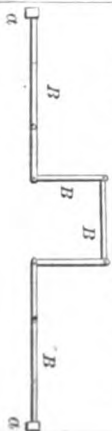
**73308**—S. W. Downey—  
*Freight Car.*



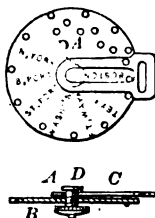
**73314**—D. S. Fisher—*Harcaster.*



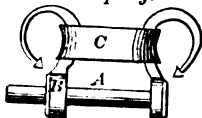
**73310**—A. L. Dunbar—*Carpet Stretcher.*



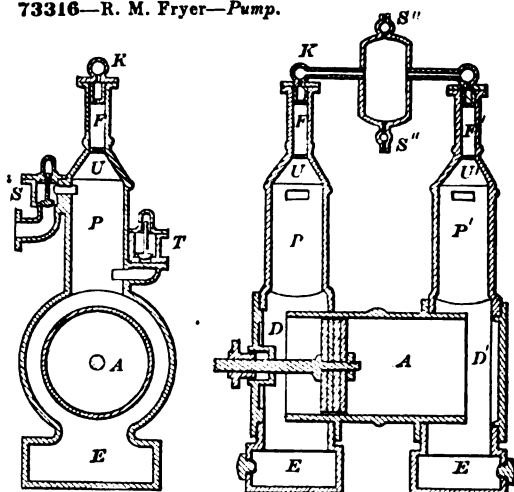
**73315—E. Flather—  
Baggage Check.**



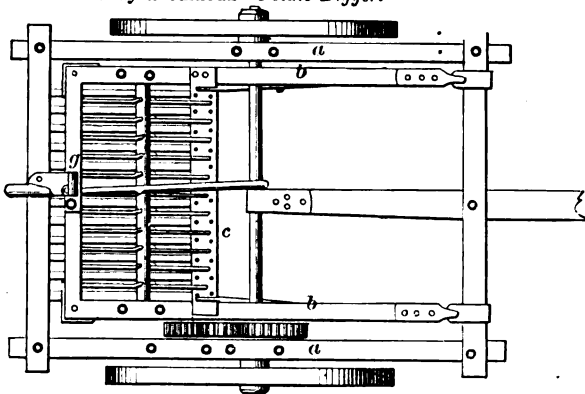
**73317—W. W. Goff—**  
*Thill Coupling.*



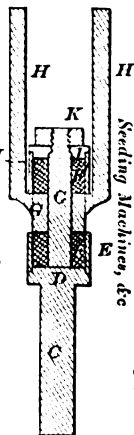
**73316—R. M. Fryer—*Pump.***



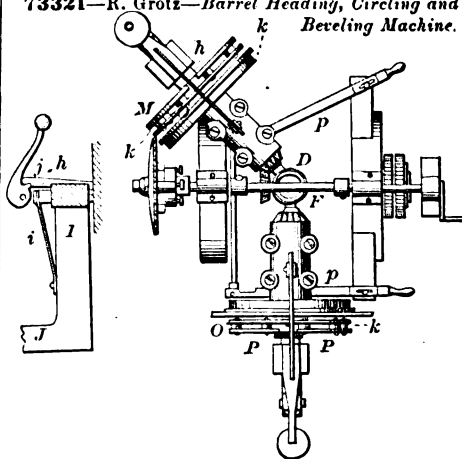
**73319**—Gray & Calhoun—*Potato Digger.*



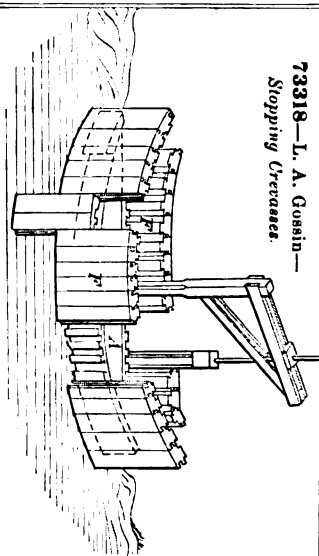
**73320—A. P. Green—Elastic Coupling for  
H Seeding Machines, &c**



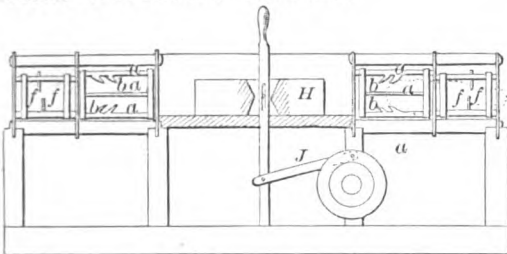
**73321**—R. Grotz—*Barrel Heading, Circling and Beveling Machine.*



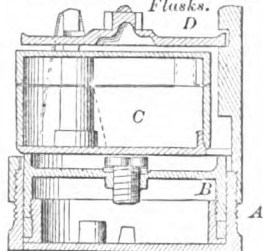
**73318**—L. A. Gossin—  
*Stopping Crevasses.*



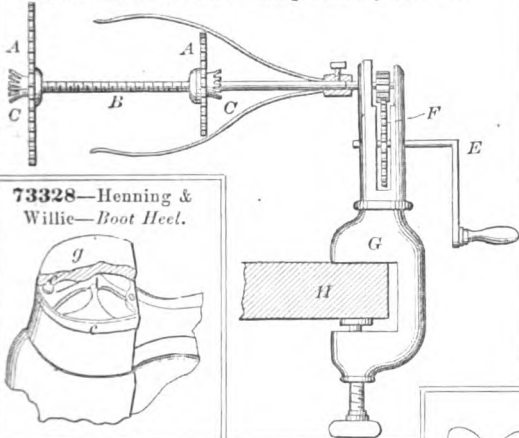
73323—J. R. Hamilton—Corn Sheller.



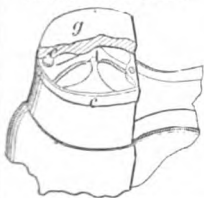
73326—G. E. Hayes—Steam Compressor for Vulcanizing Flasks.



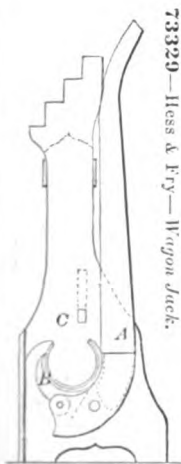
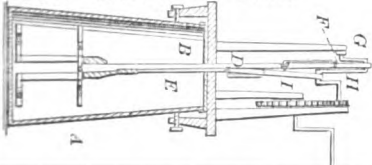
73324—J. R. Hamilton—Lamp Chimney Cleaner.



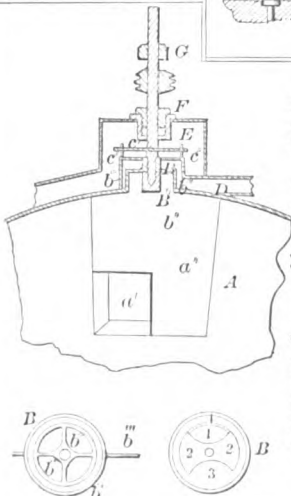
73328—Henning & Willie—Boot Heel.



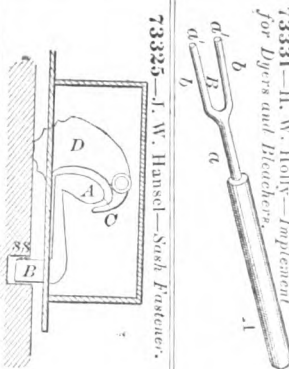
73327—A. J. Heavner—Churn.



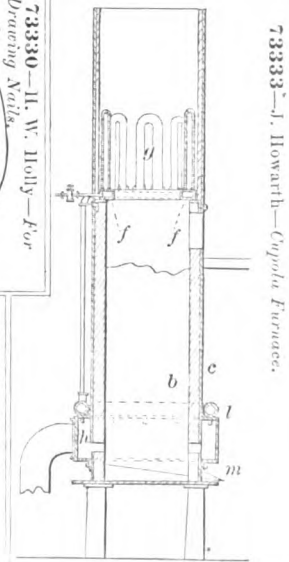
73329—Hess & Fry—Wagon Duck.



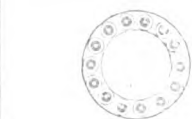
73332—T. C. Hopper—Dog Gas Meter.

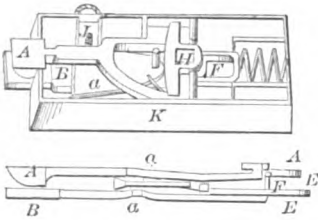
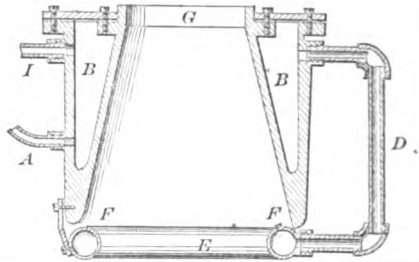
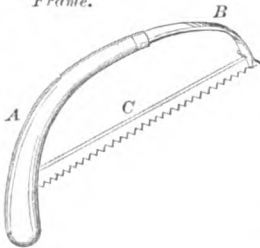
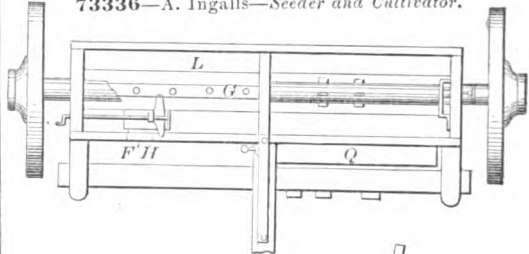
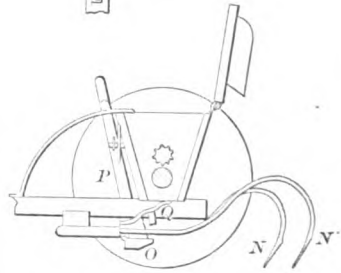
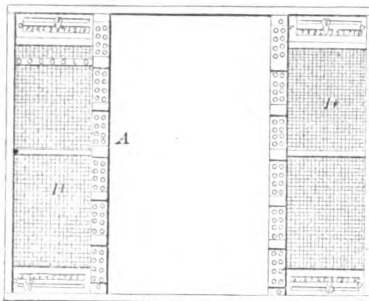
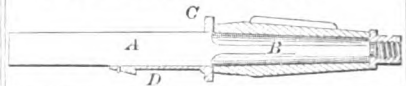
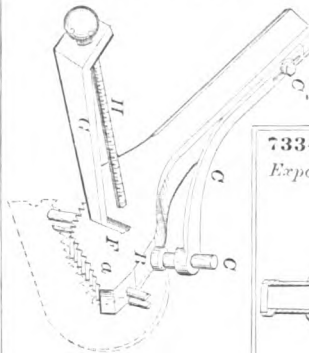
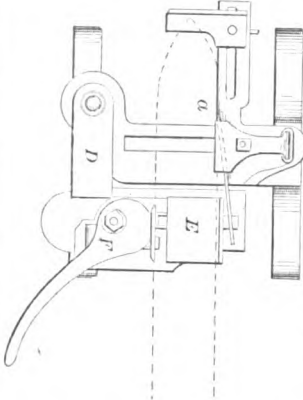
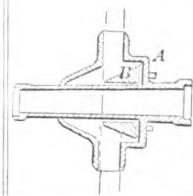


73331—H. W. Holly—Implement for Dyers and Bleachers.

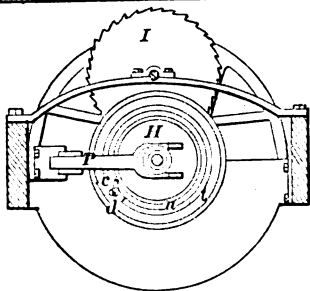
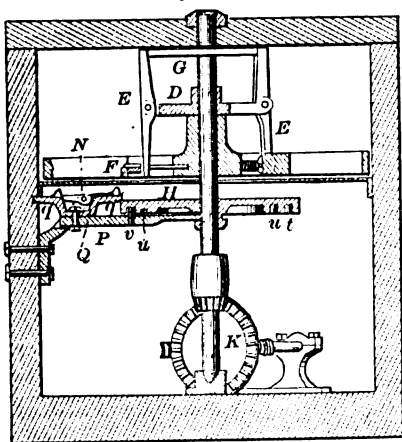


73333—J. Howarth—Cupola Furnace.

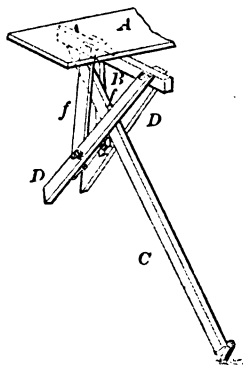


73334—W. L. Imlay—*Locking Knob Latch.*73335—W. L. Imlay—*Hydro Carbon Burner.*73341—M. J. Jones—*Saw Frame.*73336—A. Ingalls—*Seeder and Cultivator.*73337—R. S. Jennings—*Cribbage Board.*73340—D. Jones—*Wagon Axle.*73338—N. Johnson—*Swage for Saw Teeth.*73342—A. I. Judge—*Expanding Wheel Hub.*73339—W. W. Johnson—*For Pointing Pickets.*

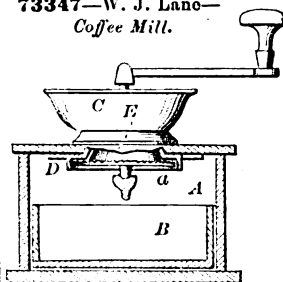
73343—E. Keith—*Shingle Machine.*



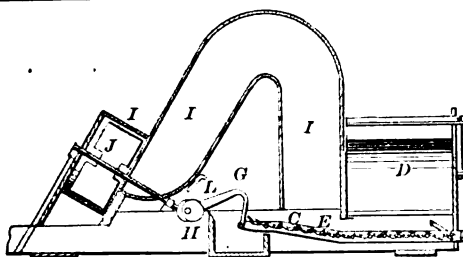
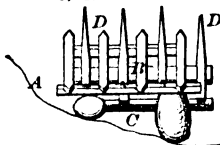
73346—Lamb & Livings—*Scaffold.*



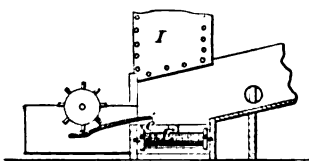
73347—W. J. Lane—*Coffee Mill.*



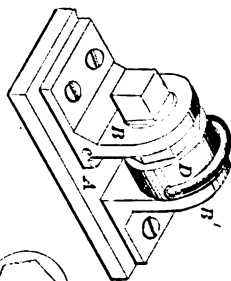
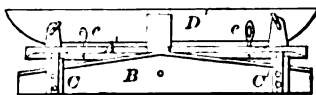
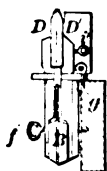
73345—H. A. Kephart—*Stream or River Fence.*



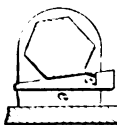
73348—L. B. Lathrop—*Threshing Machine and Grain Separator.*



73344—C. Kendig—*Clamp for Filing Saws.*

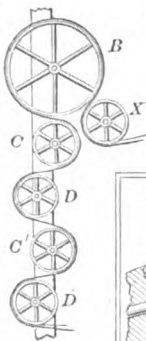


73349—W. E. Lockwood—*Fastening for Wire Fences.*

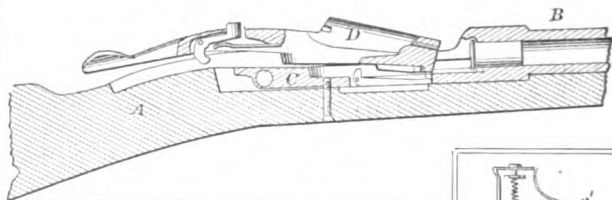




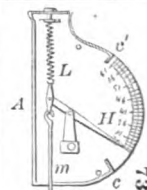
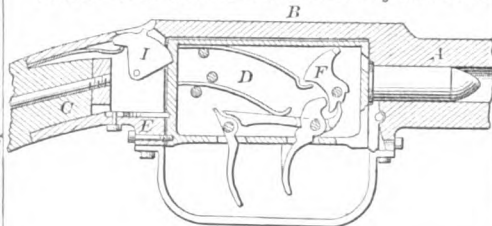
73350—W. E. Lockwood—For Drying Envelopes.



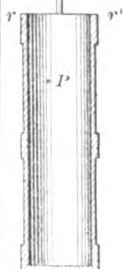
73351—H. Lord—Cartridge Extractor.



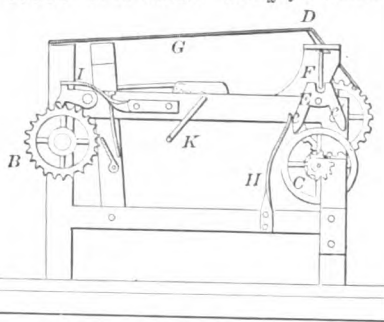
73357—J. E. McBeth—Breech-Loading Fire Arm.



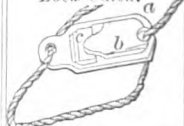
73356—B. Martin—Pocket Grain Tester.



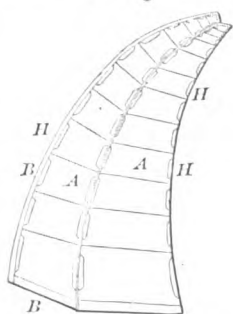
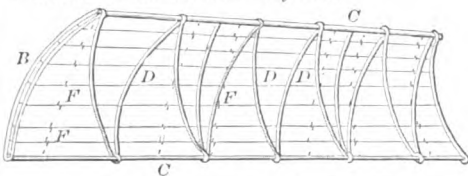
73353—J. A. Marden—Let-off for Looms.



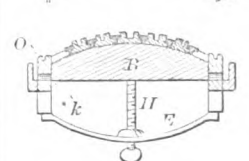
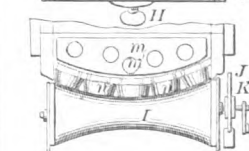
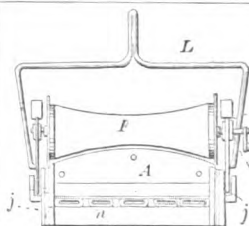
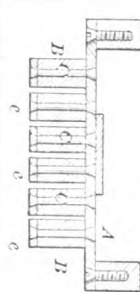
73358—E. P. McCeney—Lock Catch.



73355—W. M. Marshall—Reflector.

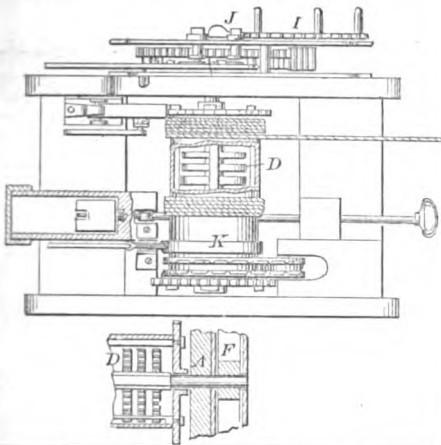


73354—G. F. Marks—Mould for Manufacturing Tobacco.

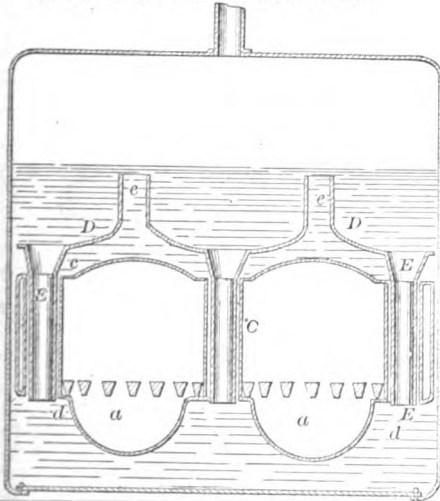


73359—J. McDermott—Elastic Printing Apparatus.

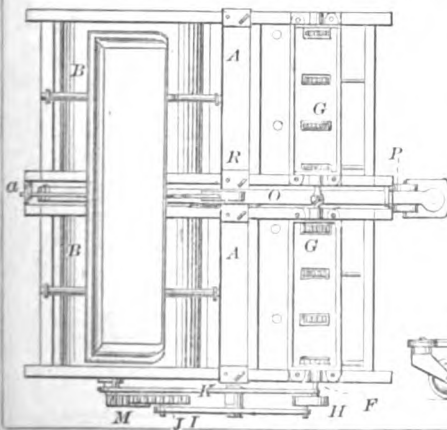
73360—W. G. McIvor—Windlass.



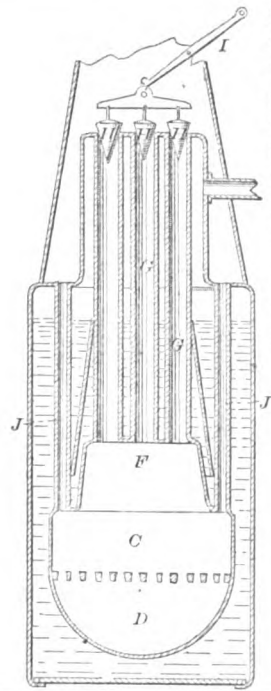
73364—J. A. Miller—Steam Generator.



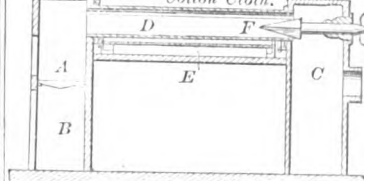
73365—T. S. Mills—Drill, Roller and Cultivator.



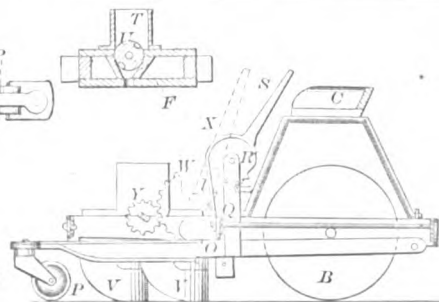
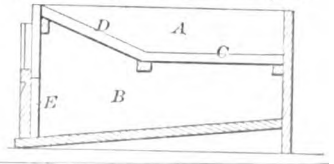
73363—J. A. Miller—Steam Generator.



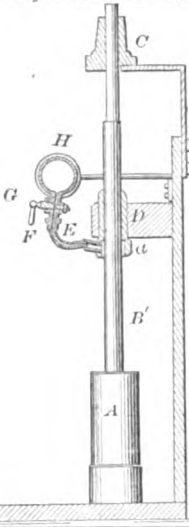
73362—J. A. Miller—For Singeing Cotton Cloth.



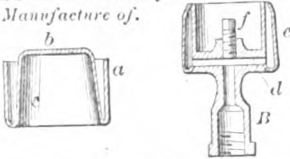
73361—J. A. Miller—Ash Sifter.



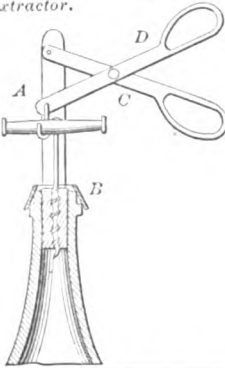
73366—G. R. Mitchell—Stamp Mill.



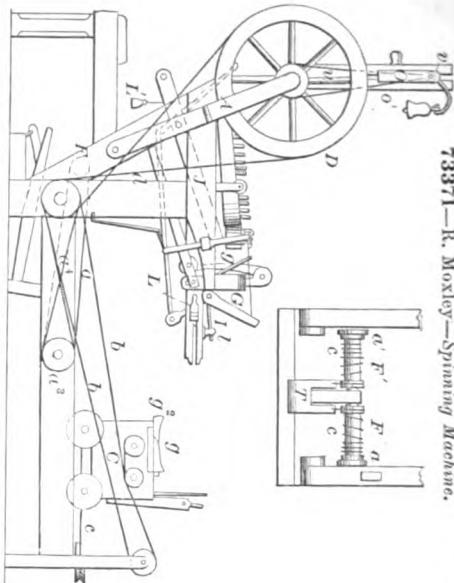
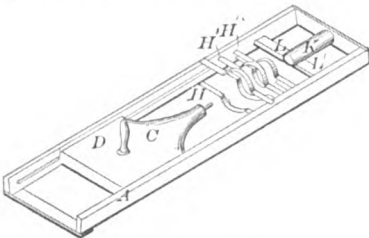
73367—G. Mooney—Gas Burners Manufacture of.



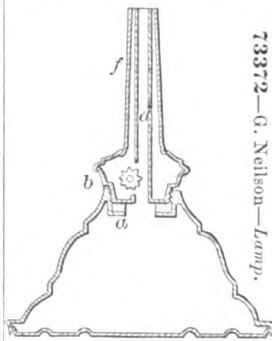
73370—J. Morton—Cork Extractor.



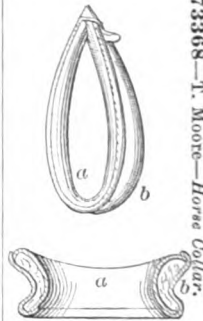
73373—H. & J. S. B. Norton—Apple Slicer.



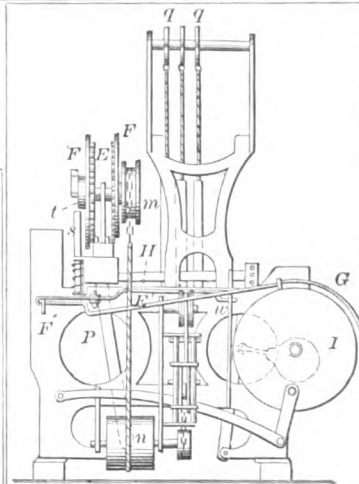
73371—R. Moxley—Spinning Machine.



73372—G. Neilson—Lamp.

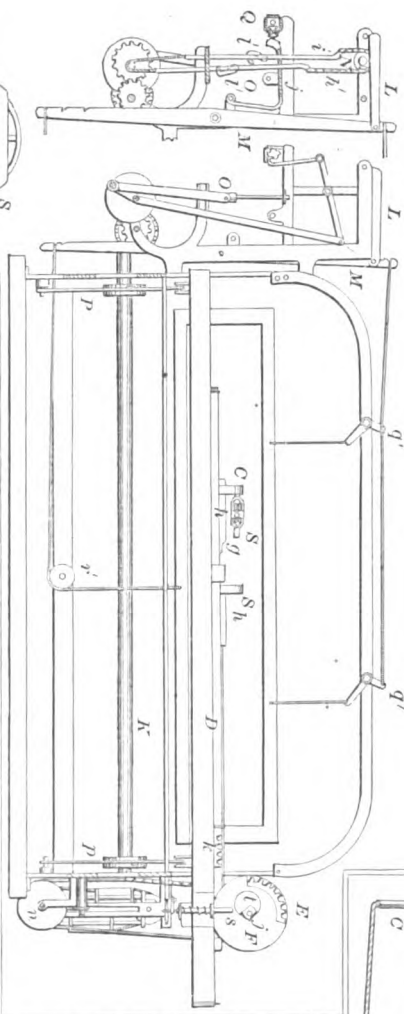


73368—T. Moore—Horse Collar.

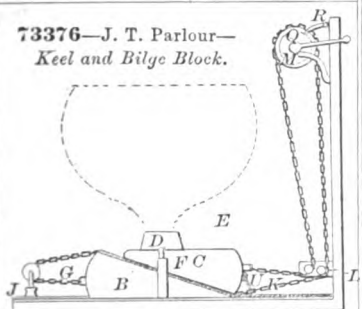


73374—B. & E. Oldfield—Loom.

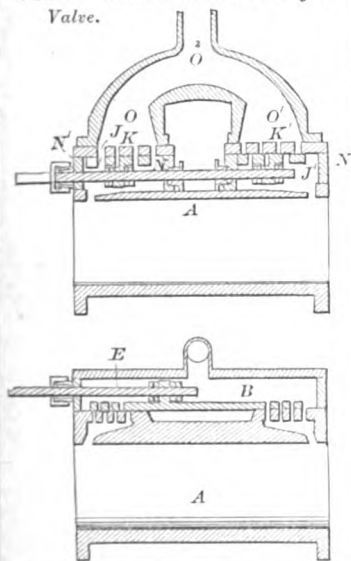
73374—Continued.



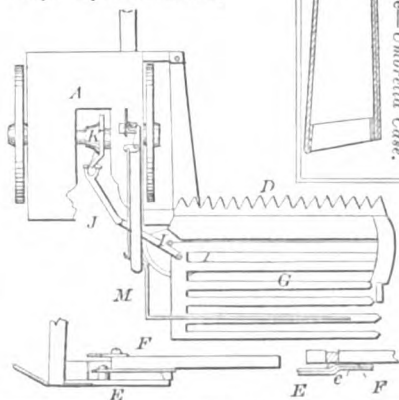
73376—J. T. Parlour—  
Keel and Bilge Block.



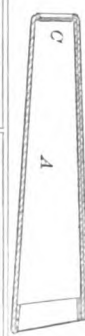
73381—W. G. Pike—Steam Engine  
Valve.



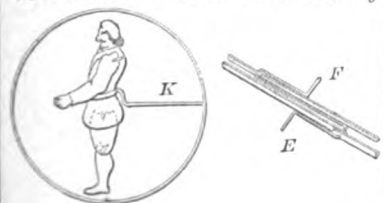
73380—G. M. Peters—  
Platform for Harvesters.



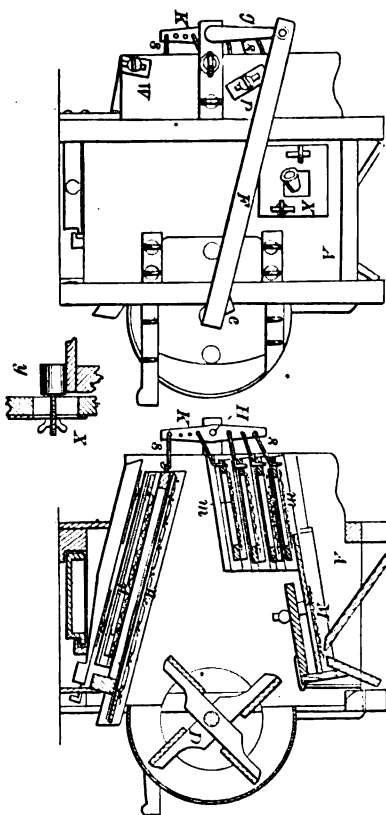
73378—S. H. Pearce—Umbrella Case.



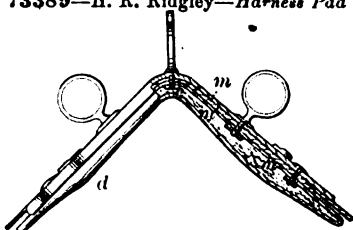
73379—H. G. Pearson—Mechanical Toy.



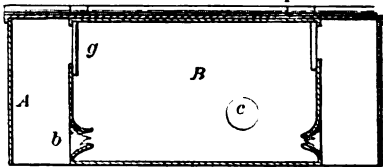
73382—J. F. Pool—Separator.



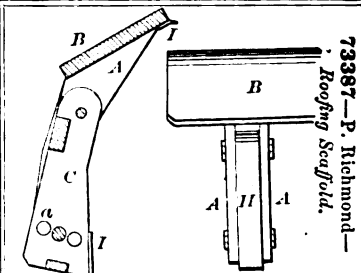
73389—H. R. Ridgley—Harness Pad



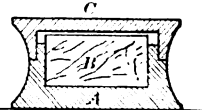
73384—S. Reed—Animal Trap.



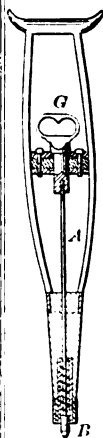
73387—P. Richmond—Roofing Scaffold.



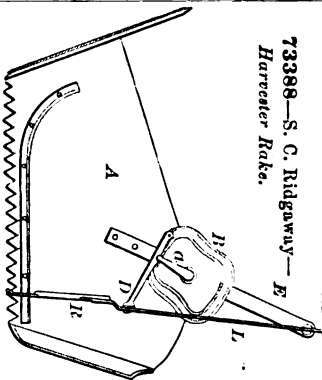
73383—Potter &amp; Abell—Boxed Hone.



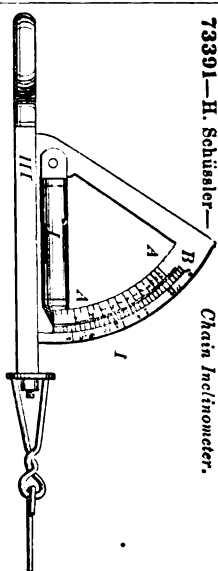
73386—J. C. Rhodes—Crutch.



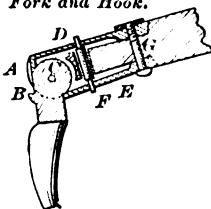
73388—S. C. Ridgway—Harvester Rake.



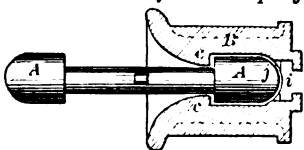
73391—H. Schuster—Chain Inclinator.



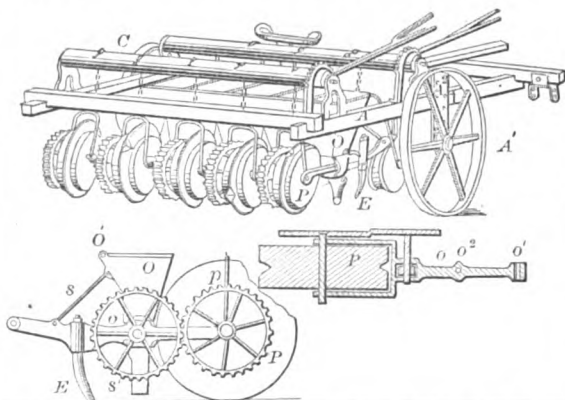
73390—L. Riggs—Fork and Hook.



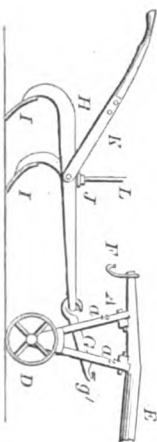
73385—H. Resley—Car Coupling.



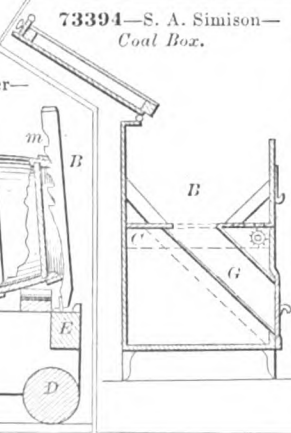
73393—S. Shirley—Seed Drill and Roller.



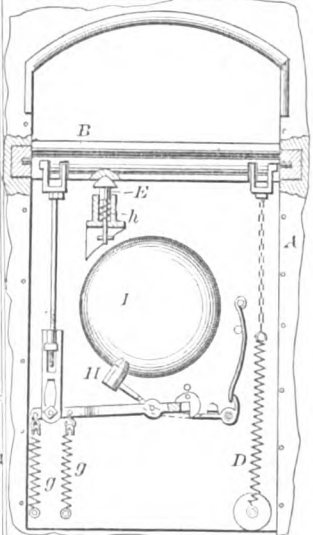
73392—J. P. Sexton—Cultivator.



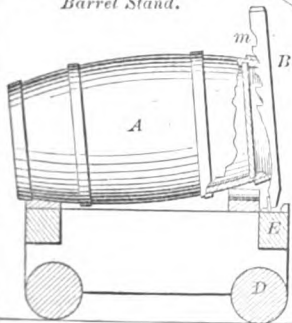
73394—S. A. Simison—Coal Box.



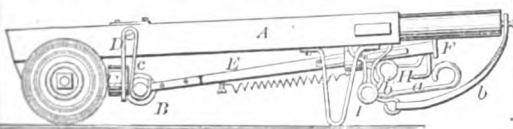
73396—J. B. Stawson—Gate for Railroad Cars.



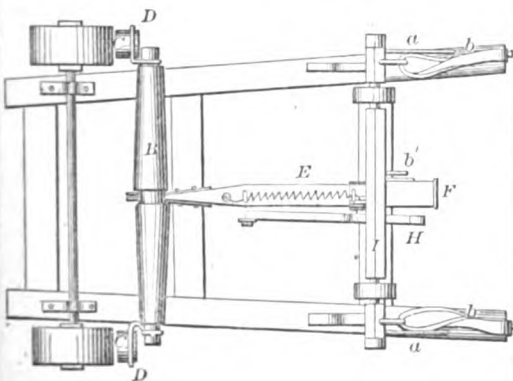
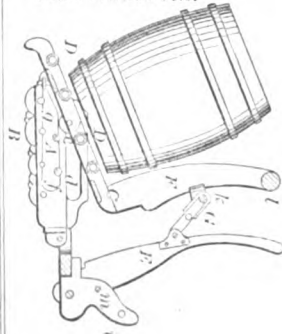
73395—P. J. Skinner—Barrel Stand.



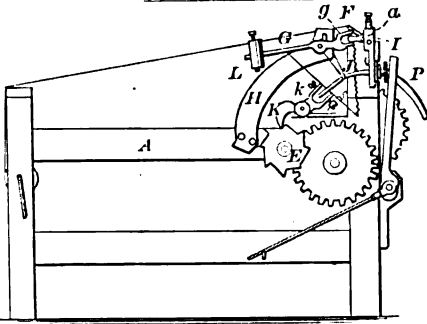
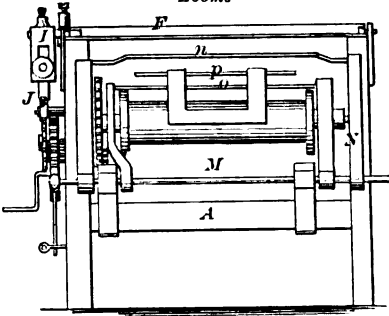
73397—A. V. Smith—Store Truck.



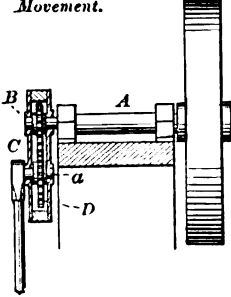
73398—R. Smith—For Raising Casks and Barrels.



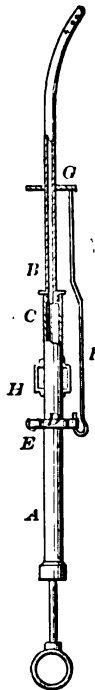
73399—Smith & Ely—*Let-off Mechanism for Looms*



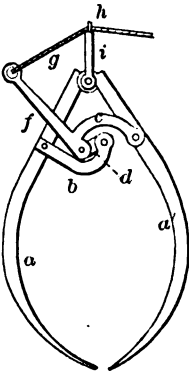
73401—E. Soper—*Mechanical Movement.*



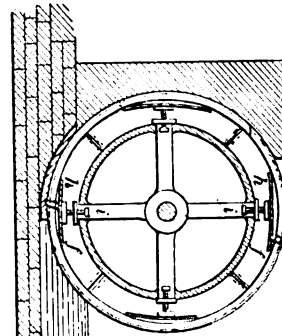
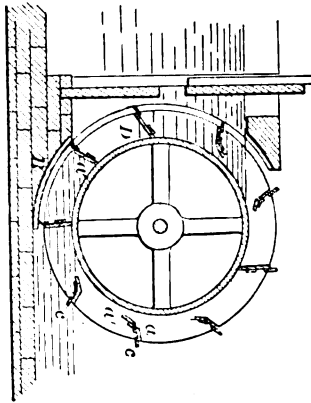
73402—N. B. Sornborger—*Catheter and Syringe.*



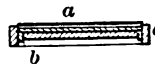
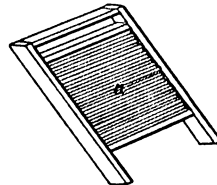
73403—J. C. Spear—*Horn Hay Fork.*



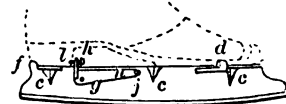
73400—W. Snodgrass—*Water Wheel.*



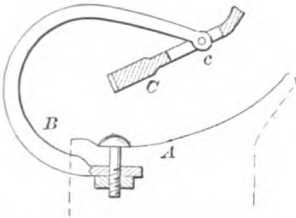
73404—E. M. Stevens—*Wash Board.*



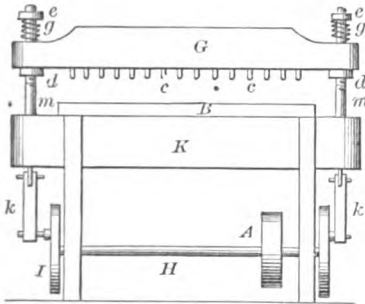
73405—W. X. Stevens—*Skate.*



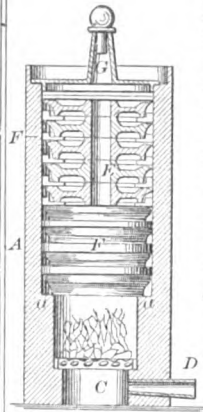
73406—F. W. Stokes—Check Rein Hook



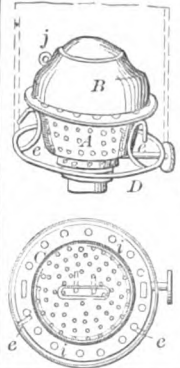
73408—J. Tidd—For Softening Leather and Hides.



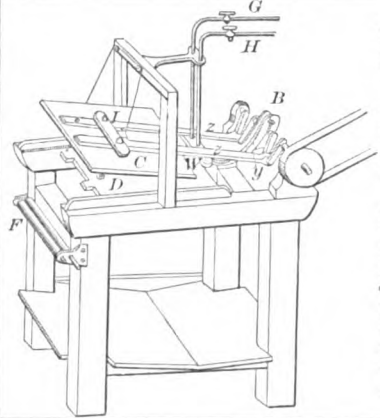
73407—W. R. Thomas—Annealing Furnace.



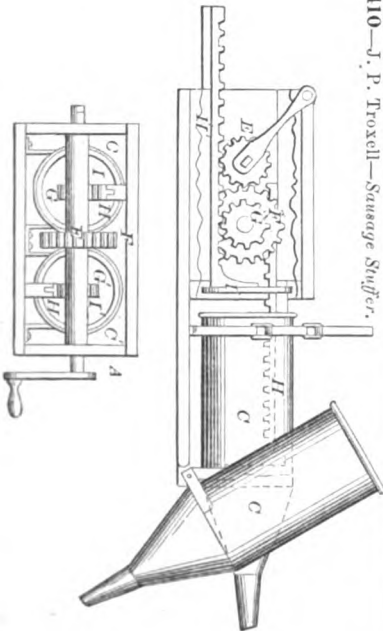
73409—H. Tilden—Lamp.



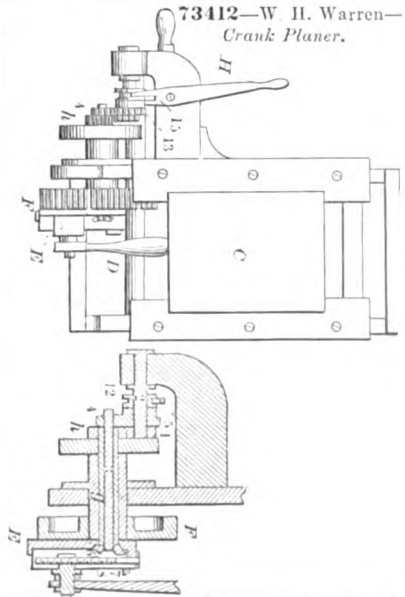
73411—H. Warner—For Sizing Hat Bodies



73410—J. P. Troxell—Sausage Stuffer.

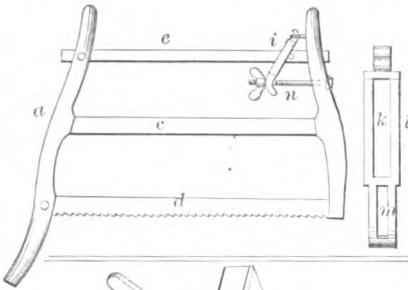


73412—W. H. Warren—Crank Planer.

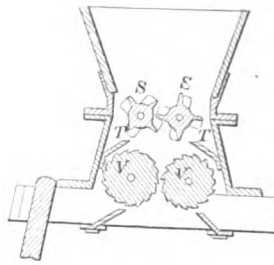




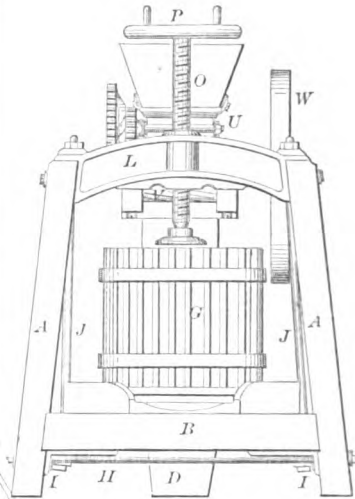
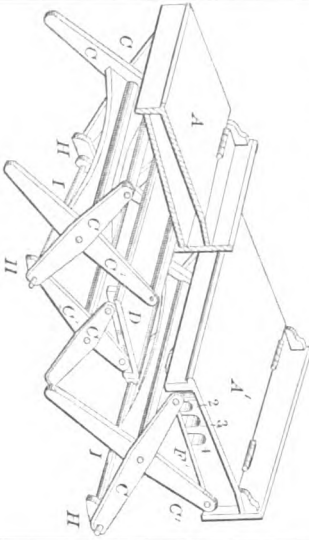
73413—J. R. Webster—Straining Wood Saws.



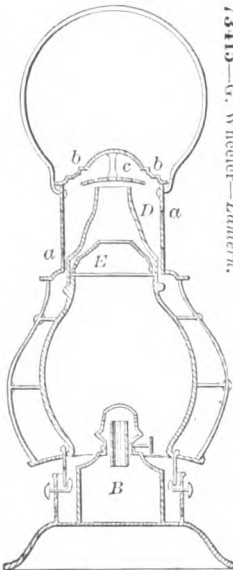
73417—Whitely, Fassler &amp; Kelly—Cider Mill.



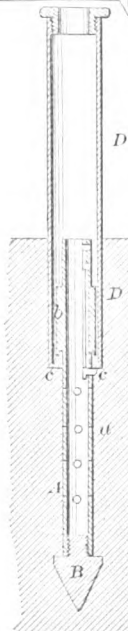
73416—H. W. White—Desk and Seat.



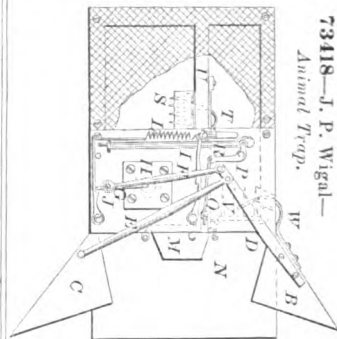
73415—G. Wheeler—Lantern.



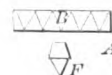
73414—Welch &amp; Miller—Tide Well.



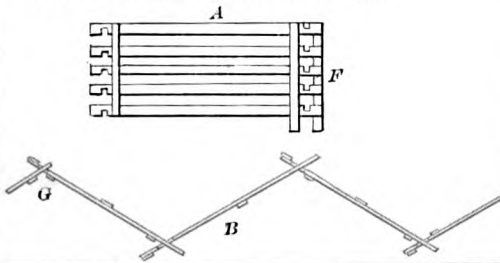
73418—J. P. Wigan—Animal Trap.



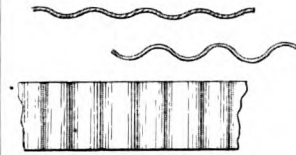
73419—E. Wiley—Pen.



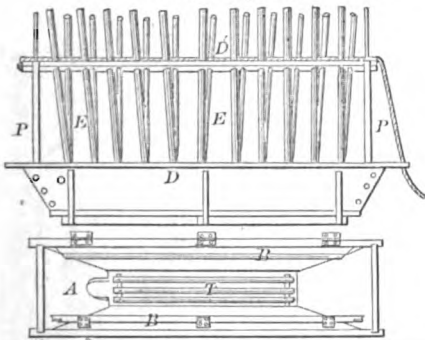
**73420**—J. Will—Worm Fence and Pen.



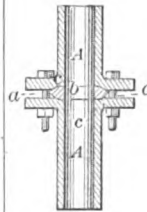
**73421**—J. B. Wilson—Veneer.



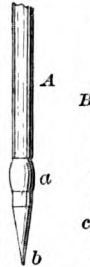
**73426**—J. D. McBride—Trough and Rack for Feeding Sheep, &c.



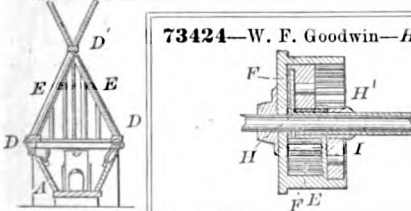
**73422**—L. Wilson—Pipe Coupling.



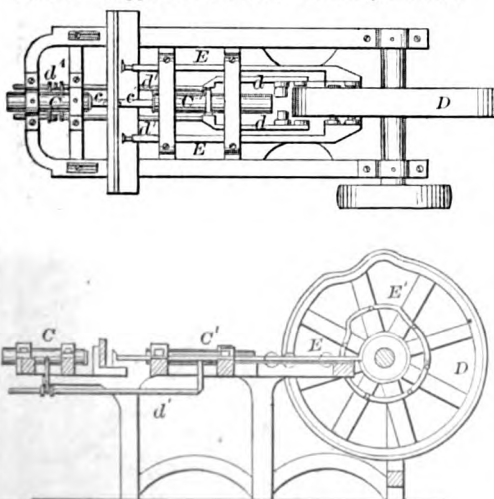
**73425**—N. W. Green—Constructing Wells.



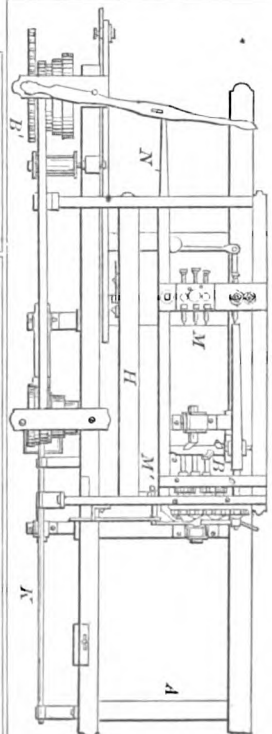
**73424**—W. F. Goodwin—Harvester.

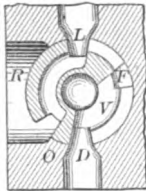
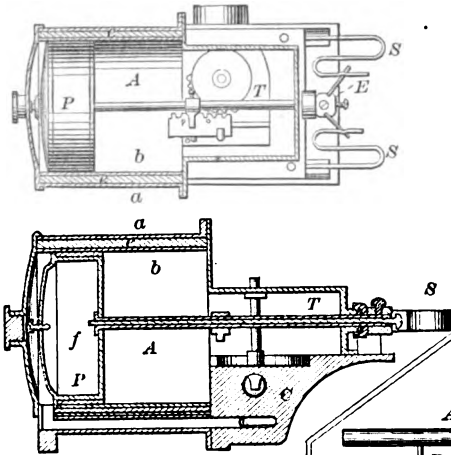
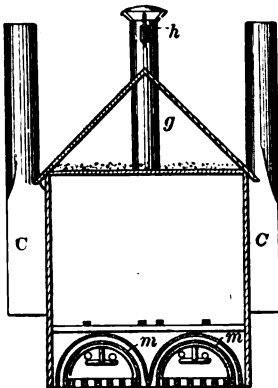
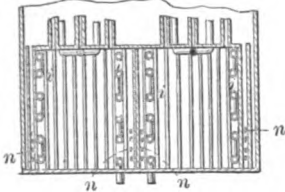
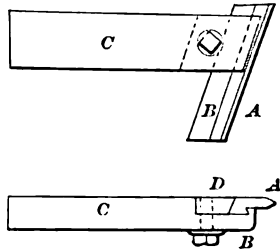
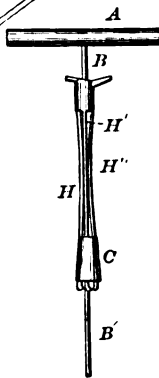
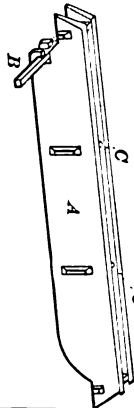
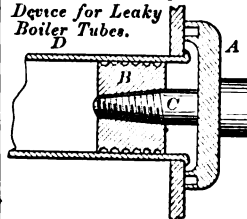
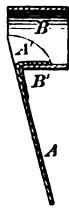
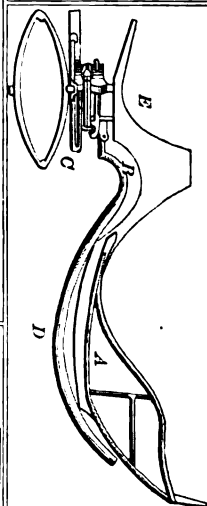


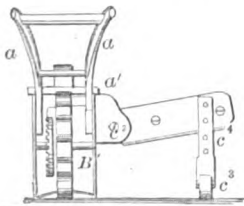
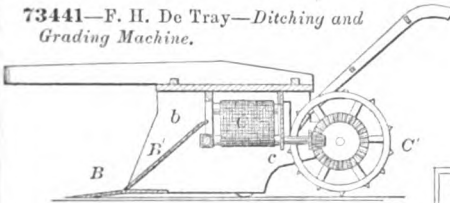
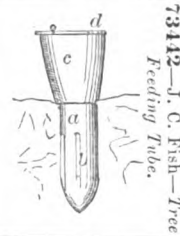
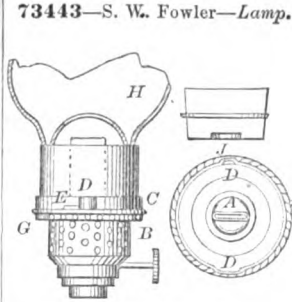
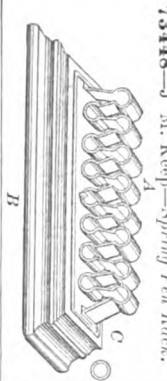
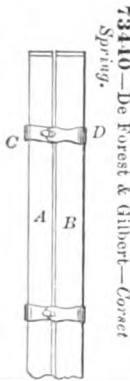
**73428**—Baggerman & Green—Mortising Machine.



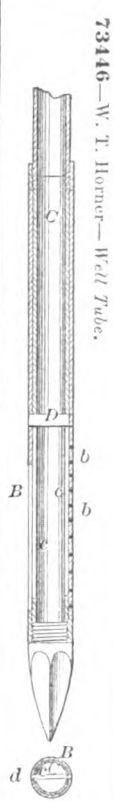
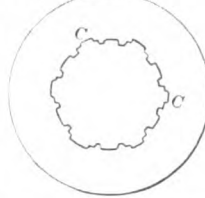
**73423**—E. K. Wisel—Wood Turning Lathe.



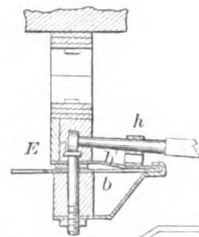
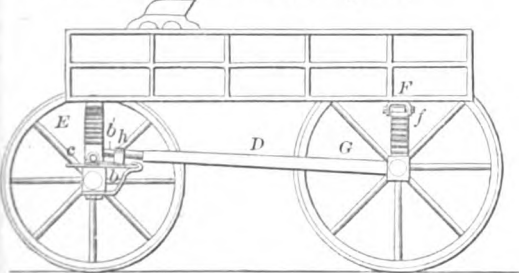
**73430—P. Ball—Water Meter.****73433—J. K. Caldwell—Brick Drying Apparatus.****73431—E. B. Beach—Screw Cutting Tool.****73435—S. E. Clapp—Cork Pull.****73436—G. H. Clarke—Furnace Grate Bar.****73439—R. A. Copeland—Device for Leaky Boiler Tubes.****73432—W. H. Benham—***C Rein Snap.***73437—W. T. Clement—Hoe****73438—Cooper & Gregory—Carriage Perch.**



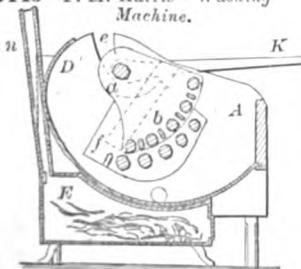
**73447**—B. B. Hotchkiss—*Rifling Ordnance.*



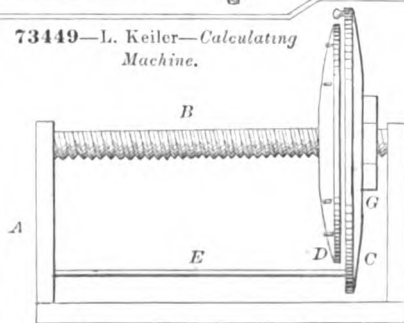
**73444**—D. D. Gitt—*Vehicle Running Gear.*



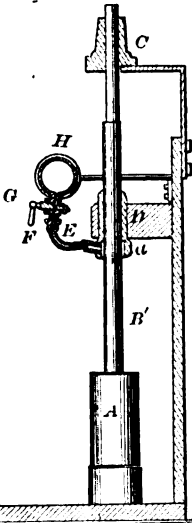
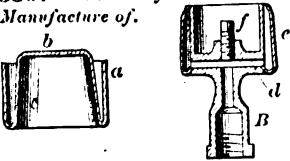
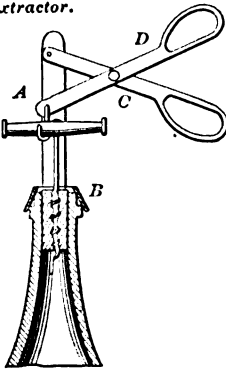
**73445**—F. M. Harris—*Washing Machine.*



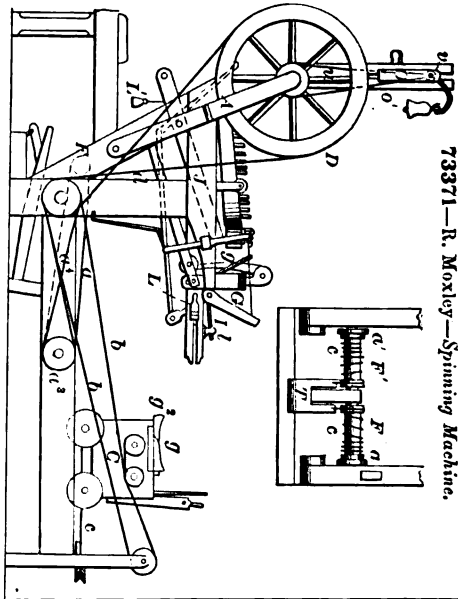
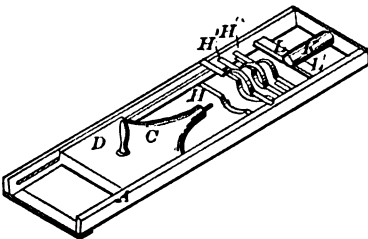
**73449**—L. Keiler—*Calculating Machine.*



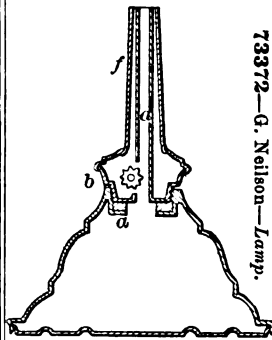
73366—G. R. Mitchell—Stamp Mill.

73367—A. Mooney—Gas Burners  
Manufacture of.73370—J. Morton—Cork  
Extractor.

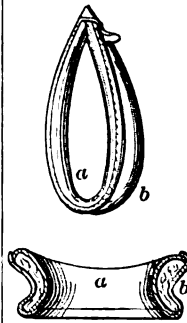
73373—H. &amp; J. S. B. Norton—Apple Slicer.



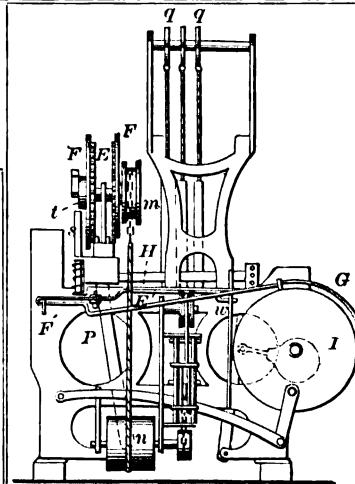
73371—R. Moxley—Spinning Machine.



73372—G. Neilson—Lamp.

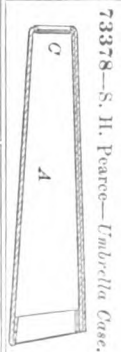
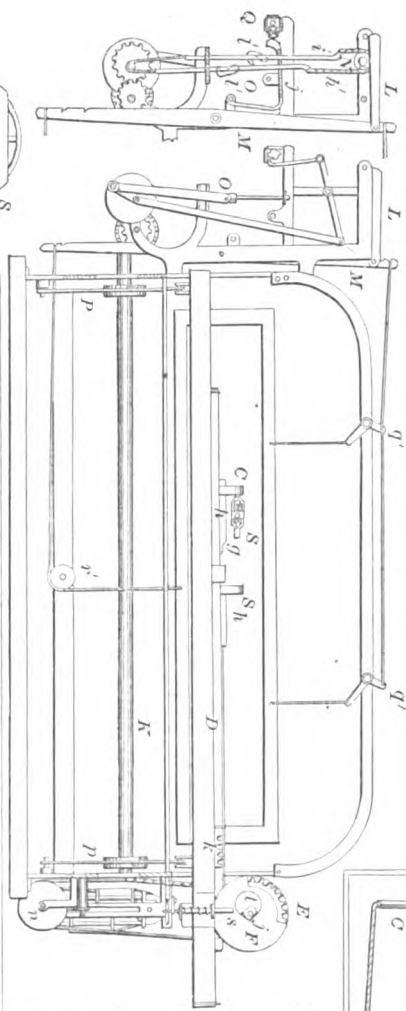


73368—T. Moore—Horse Collar.



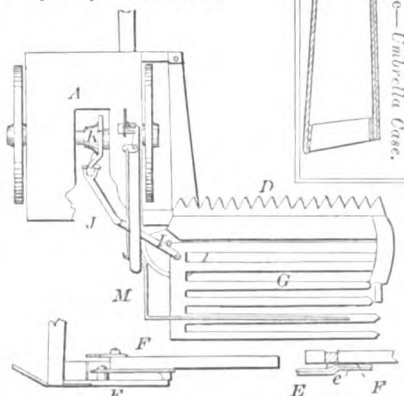
73374—B. &amp; E. Oldfield—Loom.

73374—Continued.

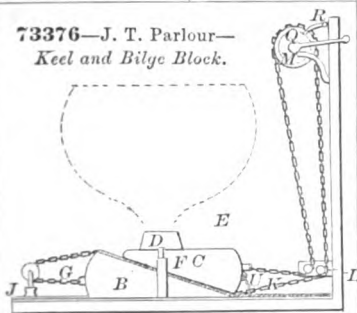


73378—S. H. Pearce—Umbrella Case.

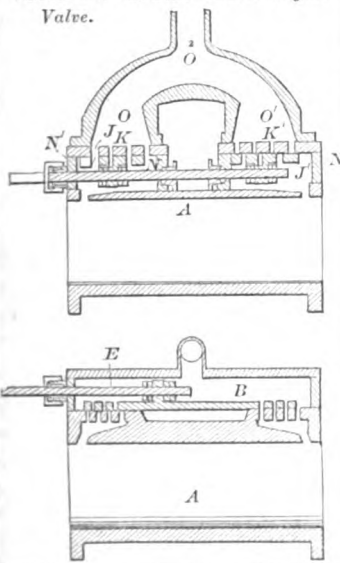
73380—G. M. Peters—Platform for Harvesters.



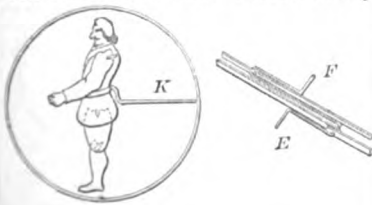
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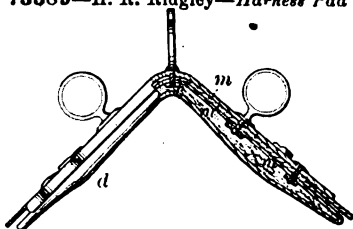
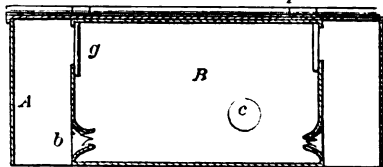
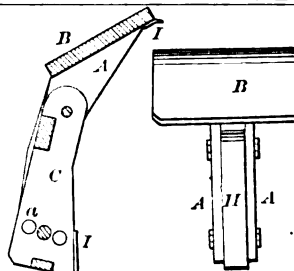
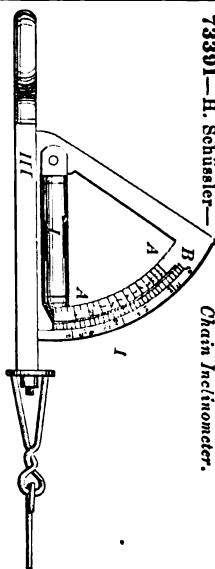
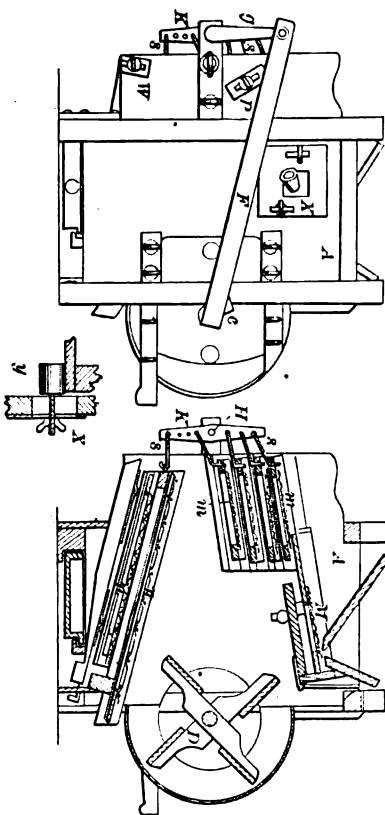
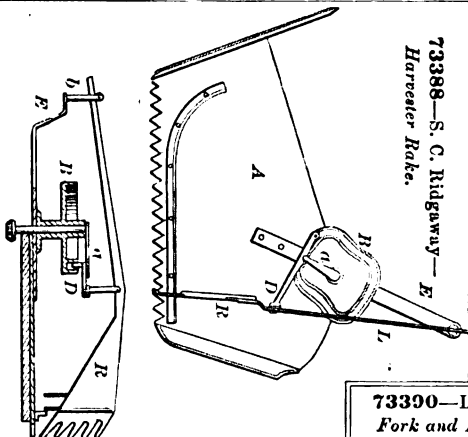
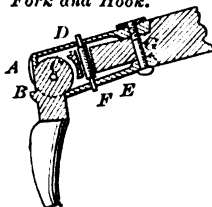
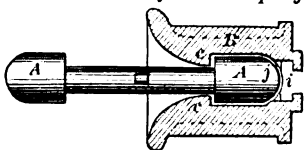


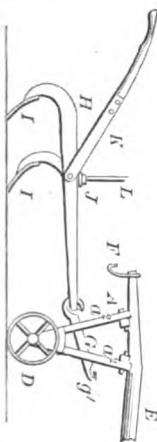
73381—W. G. Pike—Steam Engine Valve.



73379—H. G. Pearson—Mechanical Toy.

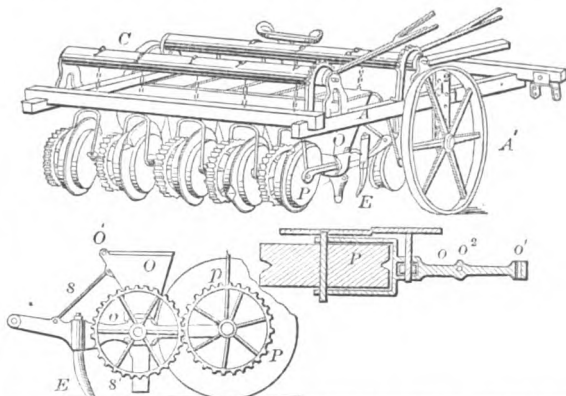


73389—H. R. Ridgley—*Harness Pad*73384—S. Reed—*Animal Trap*.73387—D. Richmond—*Roofing Scaffold*.73383—Potter & Abell—*Boxed Hone*.73391—H. Schuster—*Chain Inclinator*.73382—J. F. Pool—*Separator*.73388—S. C. Ridgway—*Harvester Rake*.73390—L. Riggs—*Fork and Hook*.73385—H. Resley—*Car Coupling*.

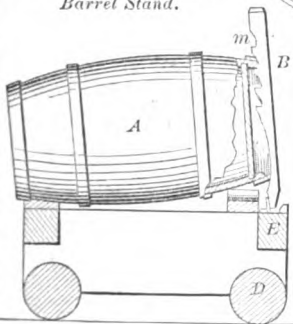


73392—J. P. Sexton—Cultivator.

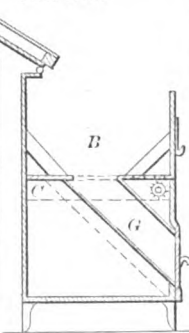
73393—S. Shirley—Seed Drill and Roller.



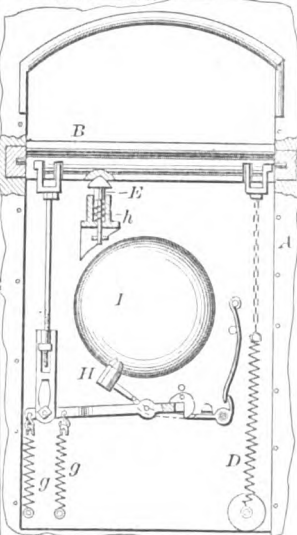
73395—P. J. Skinner—Barrel Stand.



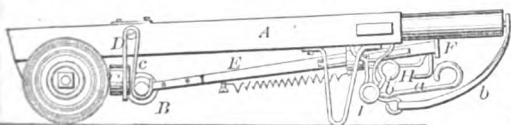
73394—S. A. Simison—Coal Box.



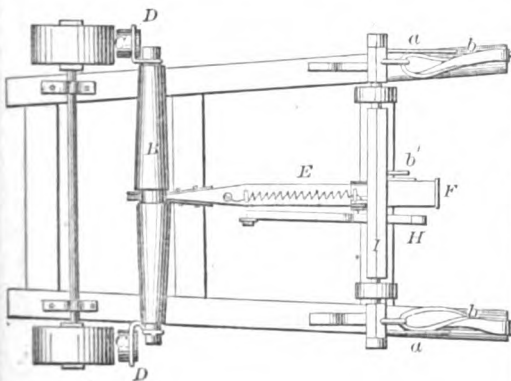
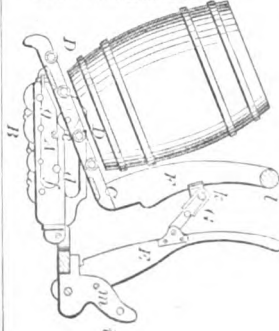
73396—J. B. Stawson—Gate for Railroad Cars.



73397—A. V. Smith—Store Truck.

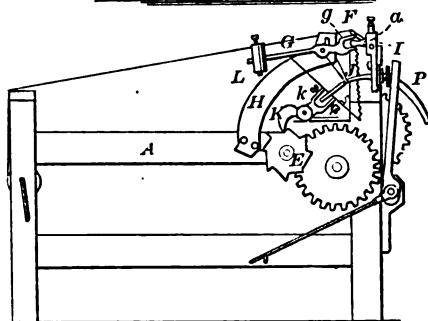
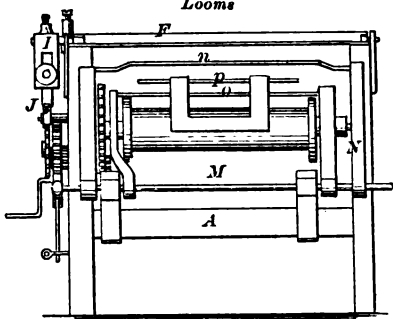


73398—R. Smith—For Raising Casks and Barrels.

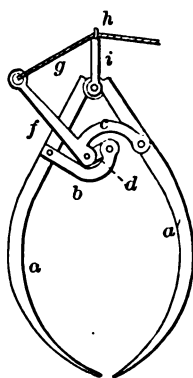
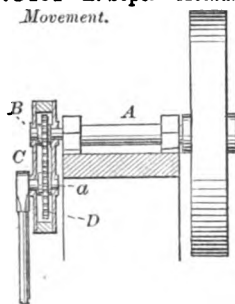




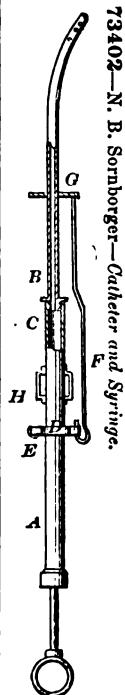
**73399—Smith & Ely—Let-off Mechanism for Looms**



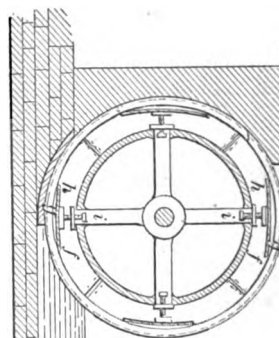
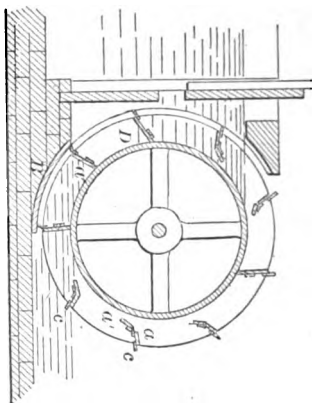
**73401—E. Soper—Mechanical Movement.**



**73403—L. C. Spear—Horse Hay Fork.**

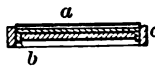


**73402—N. B. Sornborger—Catheter and Syringe.**

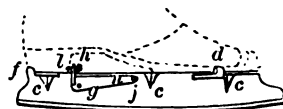


**73400—W. Snodgrass—Water Wheel.**

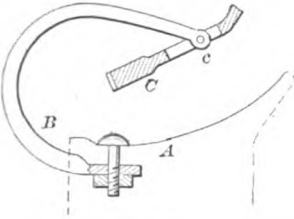
**73404—E. M. Stevens—Wash Board.**



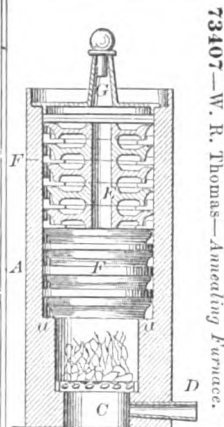
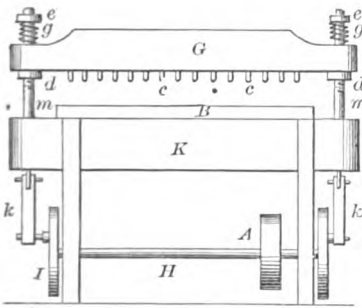
**73405—W. X. Stevens—Skate.**



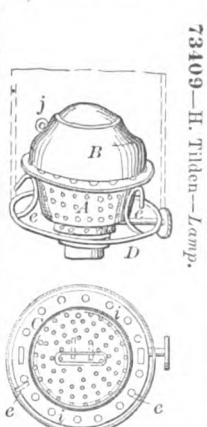
**73406**—F. W. Stokes—*Check Rein Hook*



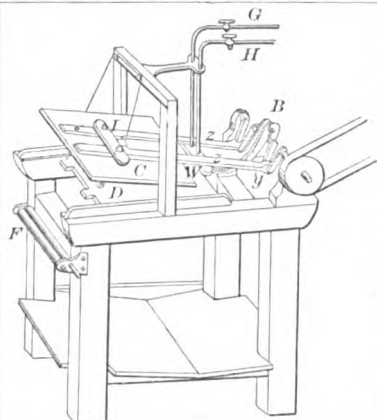
**73408**—J. Tidd—*For Softening Leather and Hides.*



**73407**—W. R. Thomas—*Annealing Furnace.*

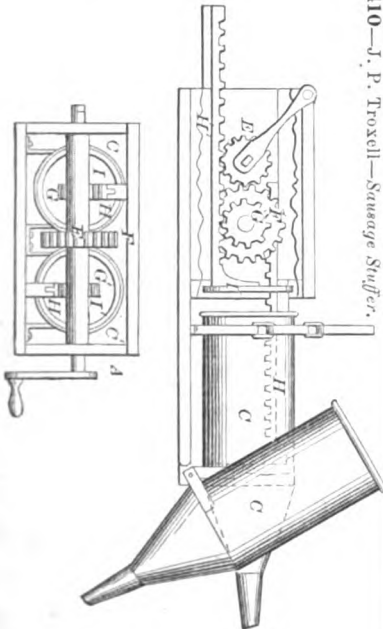


**73409**—H. Tilden—*Lamp.*

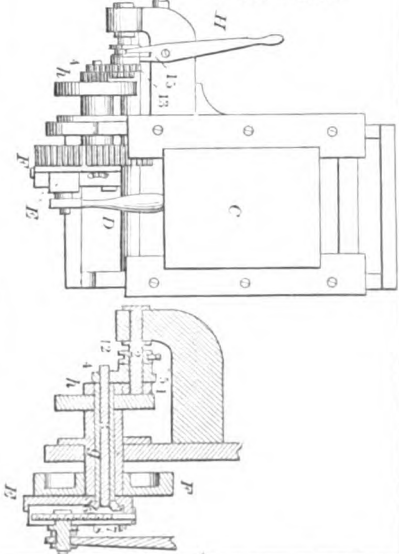


**73411**—H. Warner—*For Sizing Hat Bodies*

**73410**—J. P. Troxell—*Sawage Stuffer.*

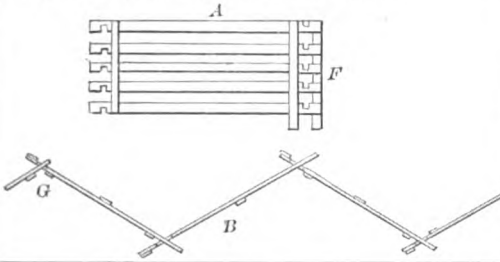


**73412**—W. H. Warren—*Crank Planer.*

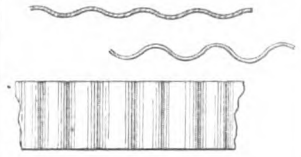




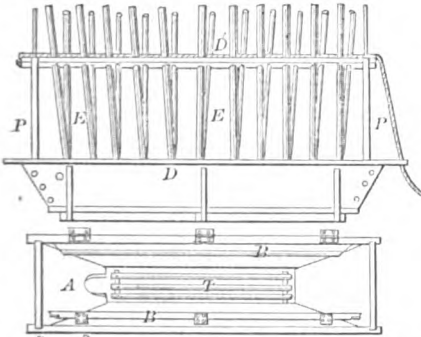
73420—J. Will—Worm Fence and Pen.



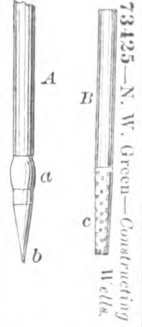
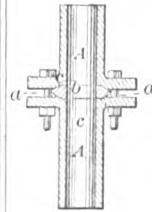
73421—J. B. Wilson—Veneer.



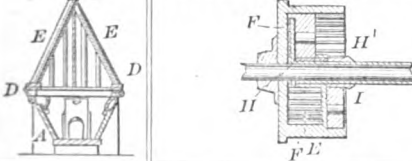
73426—J. D. McBride—Trough and Rack for Feeding Sheep, &c.



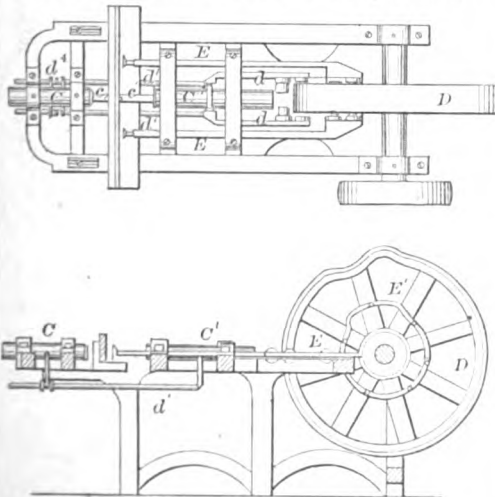
73422—L. Wilson—Pipe Coupling.



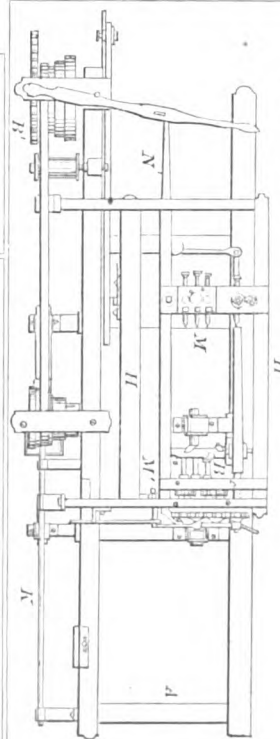
73424—W. F. Goodwin—Harvester.



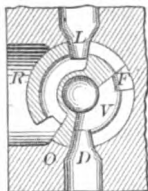
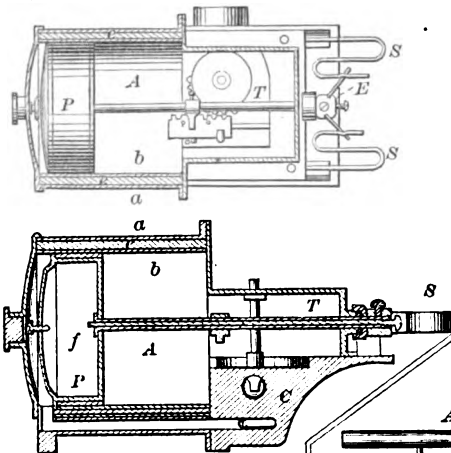
73428—Baggerman & Green—Mortising Machine.



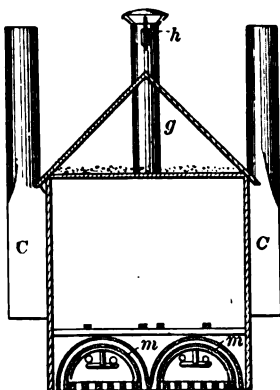
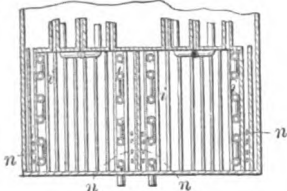
73423—E. K. Wisell—Wood Turning Lathe.



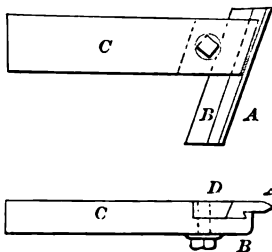
73430—P. Ball—Water Meter.



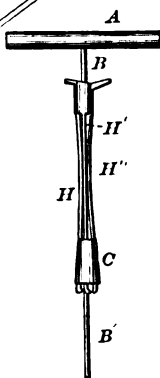
73433—J. K. Caldwell—Brick Drying Apparatus.



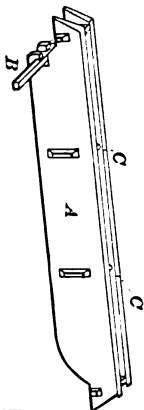
73431—E. B. Beach—Screw Cutting Tool.



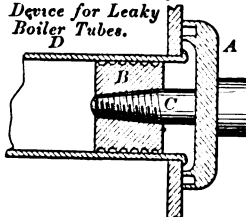
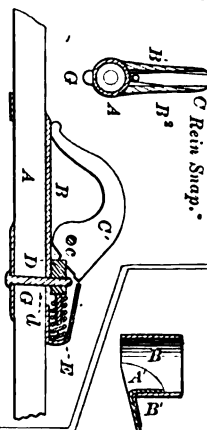
73435—S. E. Clapp—Cork Pull.



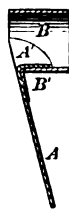
73436—G. H. Clarke—Furnace Grate Bar.



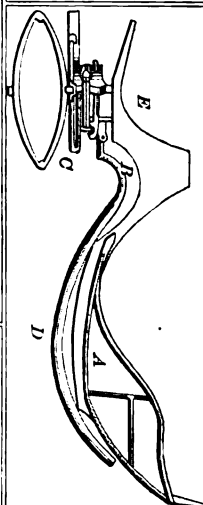
73439—R. A. Copeland—Device for Leaky Boiler Tubes.

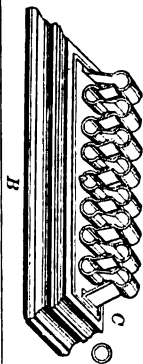
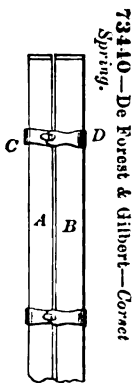
73432—W. H. Benham—  
C Rein Snag.

73437—W. T. Clement—Hoe

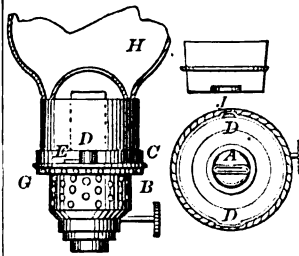


73438—Cooper &amp; Gregory—Carriage Perch.

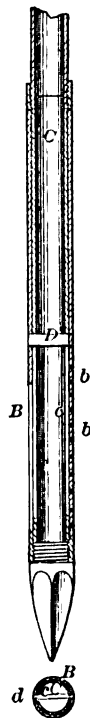




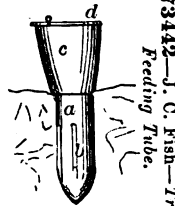
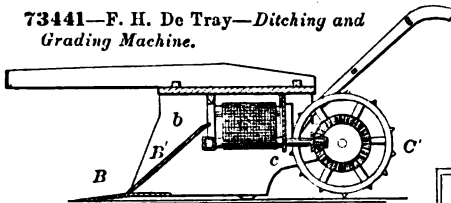
**73443—S. W. Fowler—Lamp.**



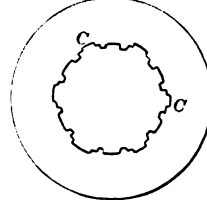
**73446—W. T. Horner—Well Tube.**



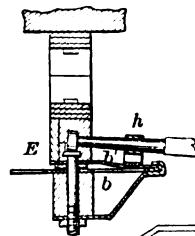
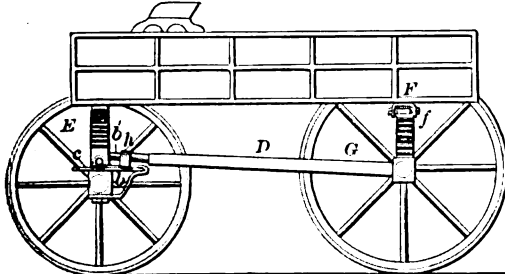
**73441—F. H. De Tray—Ditching and Grading Machine.**



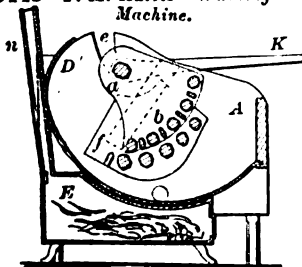
**73447—B. B. Hotchkiss—Rifling Ordnance.**



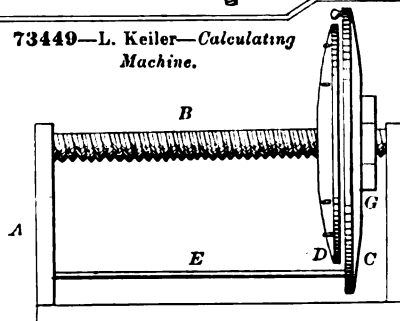
**73444—D. D. Gitt—Vehicle Running Gear.**



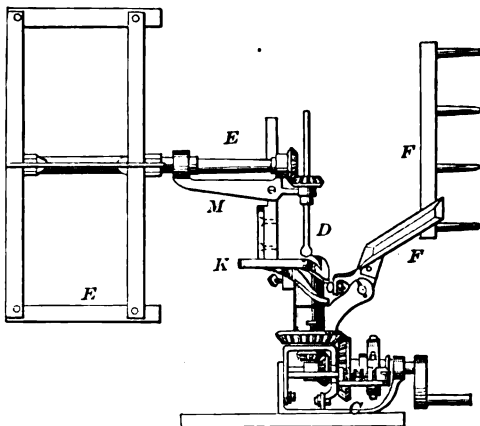
**73445—F. M. Harris—Washing Machine.**



**73449—L. Keiler—Calculating Machine.**



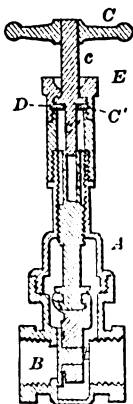
\* 73452—W. G. Merrell—Harvester Rake.



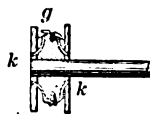
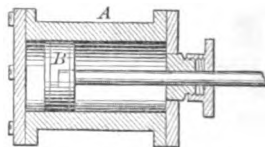
73451—H. O. Lothrop—Coating Heel and Toe Iron.



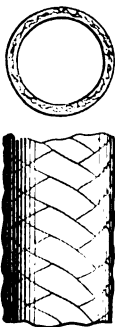
73450—C. Kline—Stuffing Box for Valve Stems.



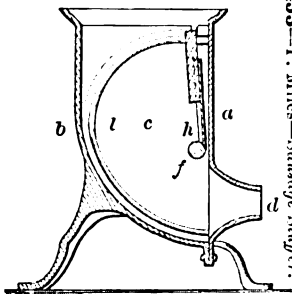
73456—A. Nadow—Piston.



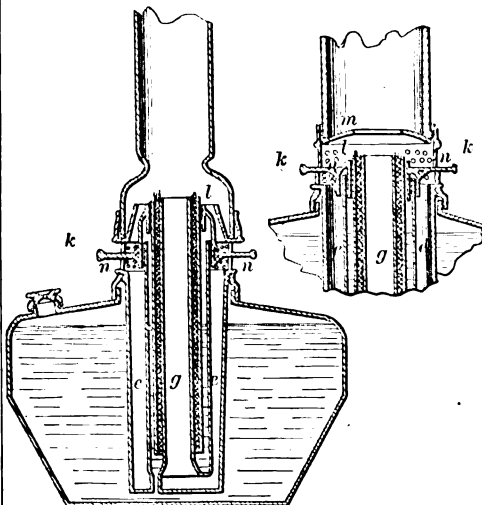
73454—W. H. Miller—Piston Rod Packing.



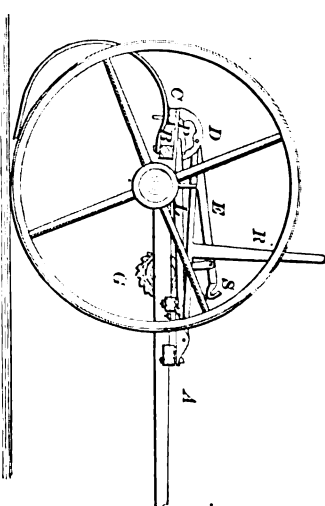
73453—P. Miles—Sewage Strainer.



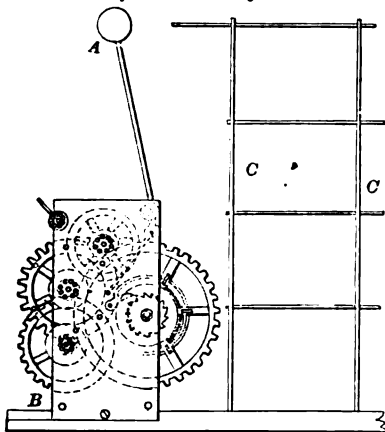
73455—Murray &amp; Howland—Argand Lamp for Burning Petroleum.



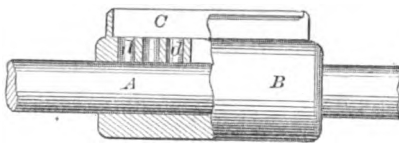
73457—O. Nivison—Horse Rake.



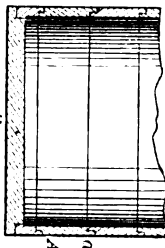
**73458**—W. H. Noble—*For Preventing the Curculio from Ascending Fruit Trees.*



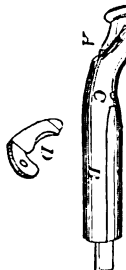
**73459**—L. H. Olmsted—*Lubricating Bearing for Machinery.*



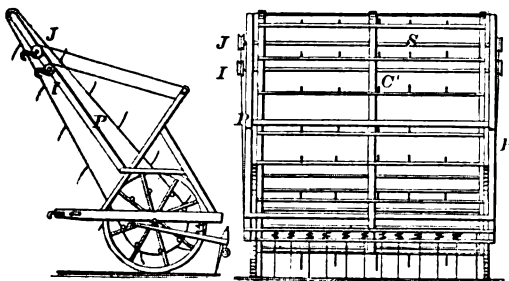
**73461**—L. Raymond—*Making Harrels.*



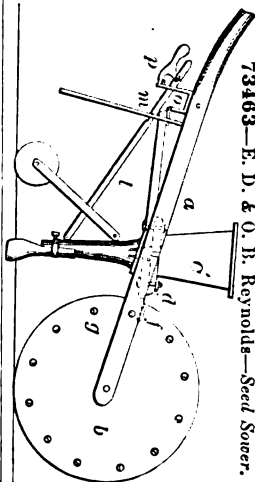
**73462**—J. Reist—*Shoemaker's Knife.*



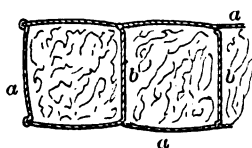
**73460**—C. Plaisted—*Hay Raker and Loader.*



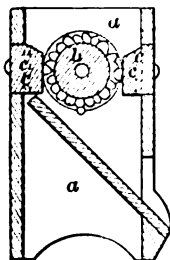
**73463**—E. D. & O. B. Reynolds—*Seed Sower.*



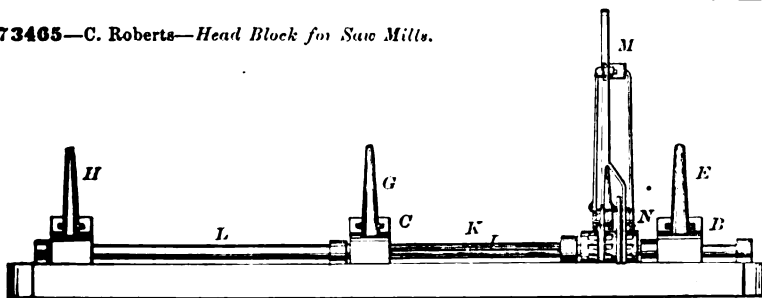
**73466**—G. Schott—*Mattress.*



**73464**—N. Richardson—*Meat Cutter.*



**73465**—C. Roberts—*Head Block for Saw Mills.*

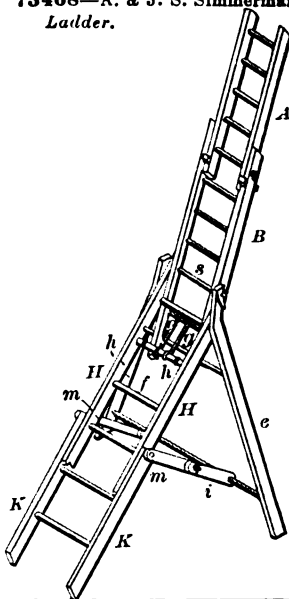




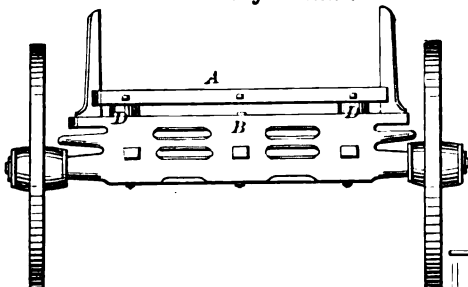
73467—S. J. Seely—Iron Roll.



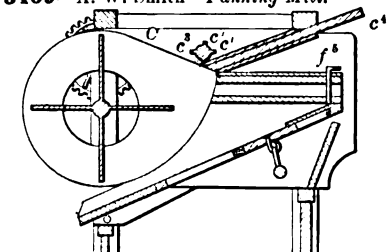
73468—A. &amp; J. S. Simmerman—Ladder.



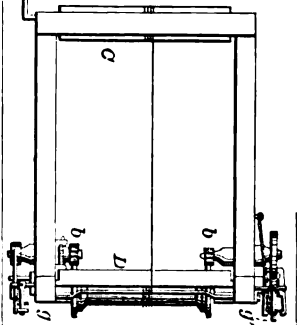
73471—C. Stebbins—Wagon Bolster.



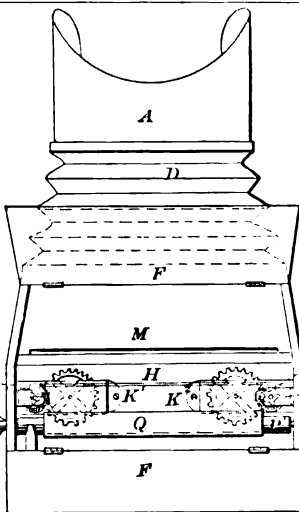
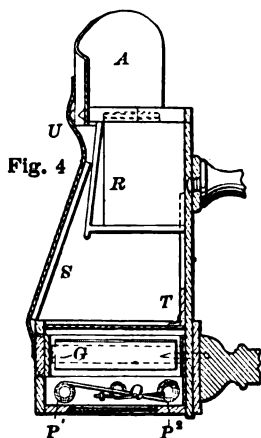
73469—A. W. Smith—Fanning Mill.



73470—T. S. Smith—Let-off for Looms.



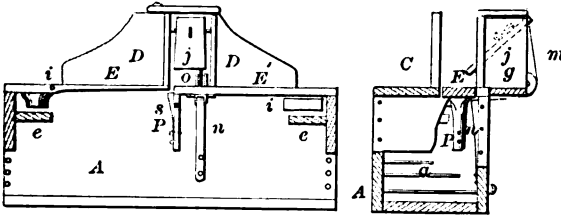
73472—J. W. Storrs—Stereoscope.



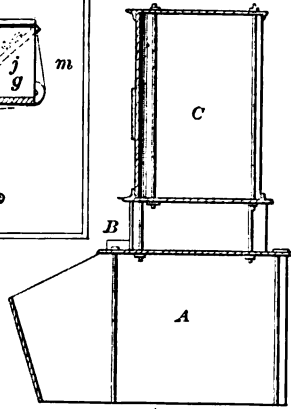
73474—E. Sweet—Tongue for Hay Loading Machine.



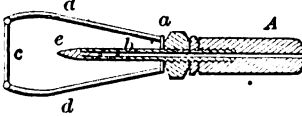
73475—N. S. Thompson—Animal Trap.



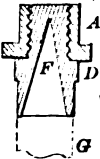
73477—A. N. Towne—Coal Box Store.



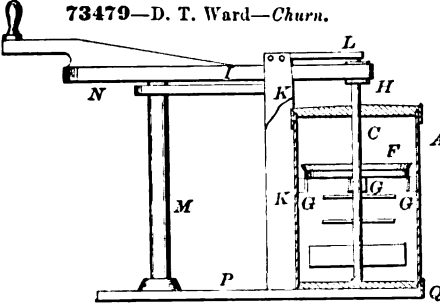
73478—W. K. Vanderslice, Jr.—Segar Holder.



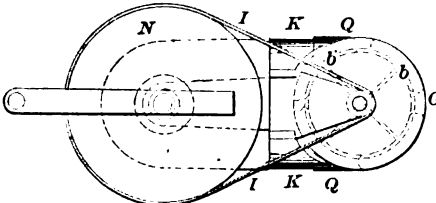
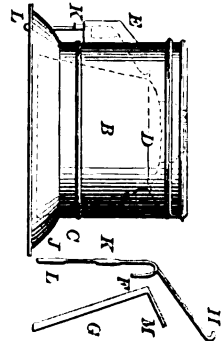
73479—A. N. Towne—Felloe and Spoke.



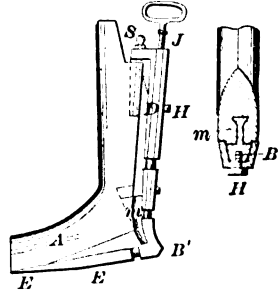
73479—D. T. Ward—Churn.



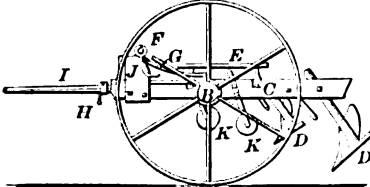
73481—Wentworth & Clark—Lantern.



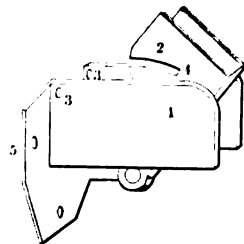
73483—H. Wright—Boot Crimp.



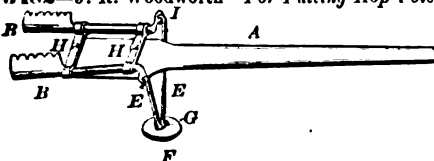
73480—S. Way—Gang Plow.



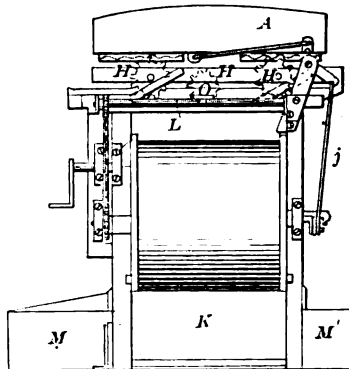
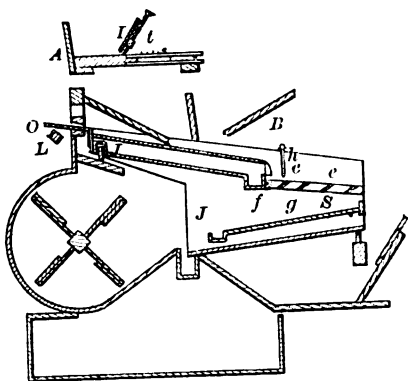
73484—M. Adams—Chuck for Whale Boats.



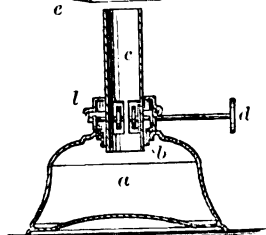
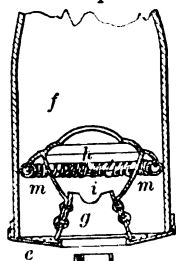
73482—J. R. Woodworth—For Pulling Hop Poles.



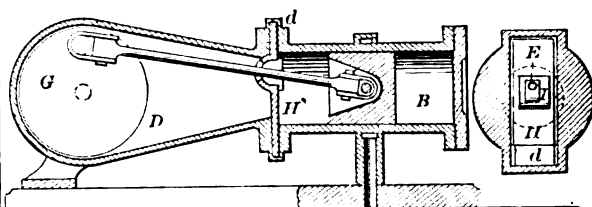
73485—S. Adams—Winnowing Mill.



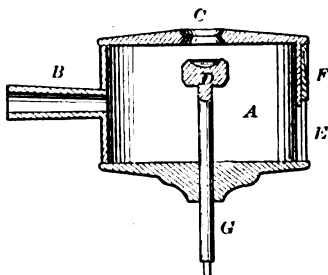
73488—L. J. Atwood—Lamp.



73489—H. Bailey—Steam Engine.



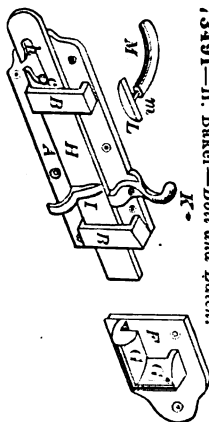
73490—L. M. Bailey—Tuyere Iron.



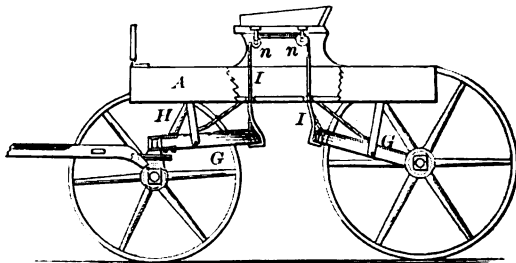
73487—J. L. Arman—Electric Cable.



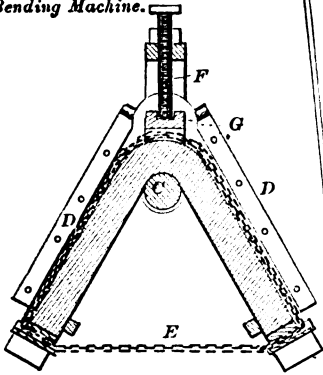
73491—H. Baker—Bolt and Catch.



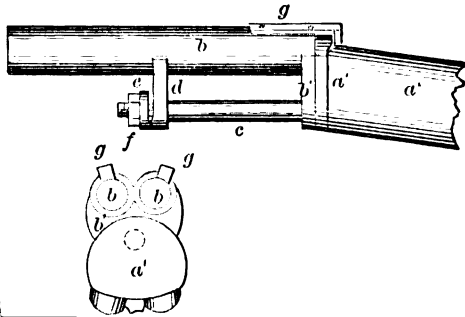
73492—Blair &amp; Gladding—For Hanging Carriage Bodies.



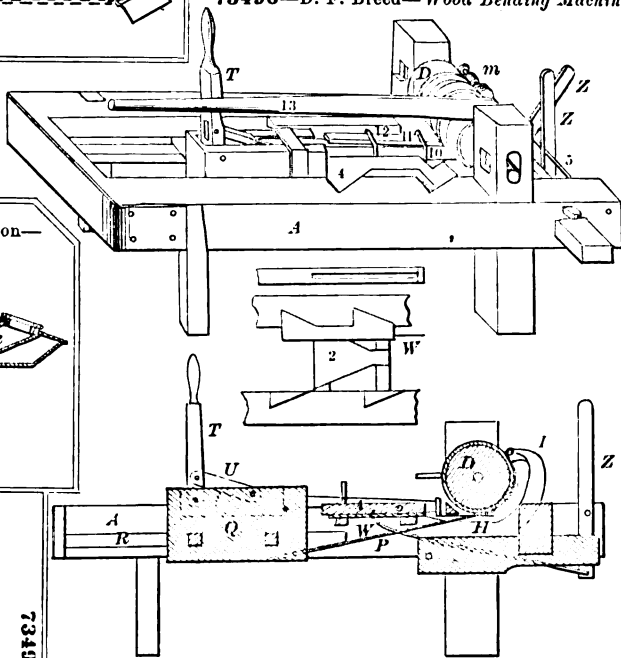
**73493**—I. W. Bowers—Wood Bending Machine.



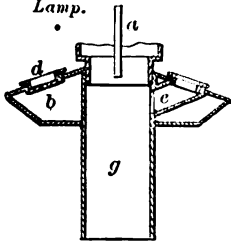
**73494**—Boyd & Shelton—Breech-Loading Fire Arm.



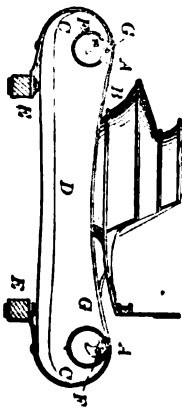
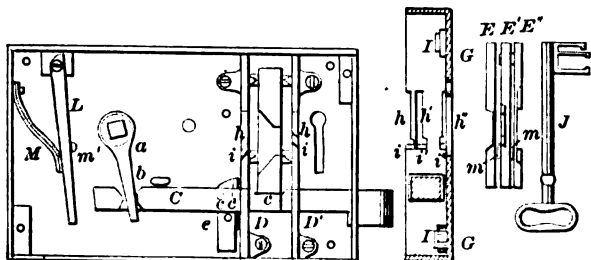
**73496**—D. F. Breed—Wood Bending Machine.



**73495**—O. Boynton—Lamp.

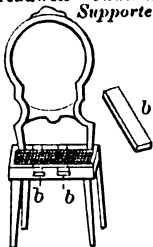


**73498**—C. Brown—Knob Latch and Knob.

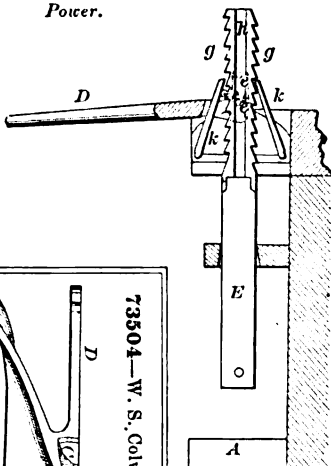


**73497**—E. C. Brooks—Spring Attachment to Vehicles.

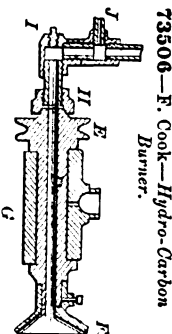
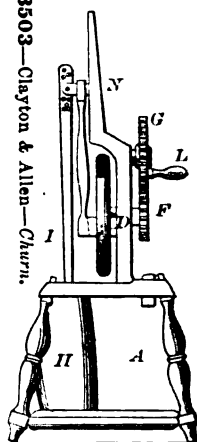
**73499**—Butterfield & Treadwell—*Chair Seat Supporter.*



**73500**—N. Carpenter—*Hop Press Power.*



**73503**—Clayton & Allen—*Churn.*

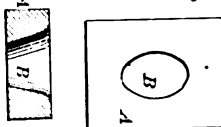


**73506**—F. Cook—*Hydro-Carbon Burner.*

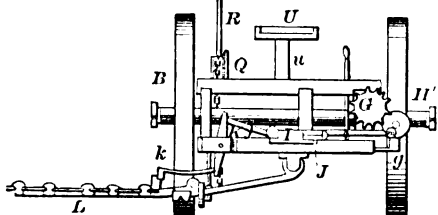


**73504**—W. S. Colwell—*Plow.*

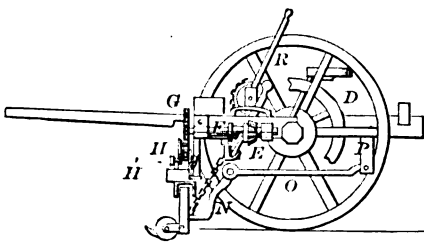
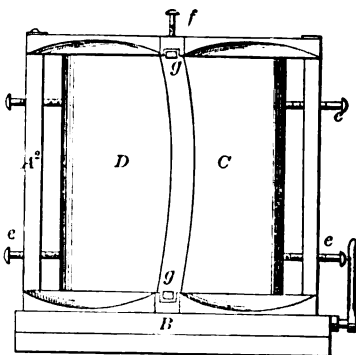
**73502**—R. W. Clark—*Forge Hearth.*



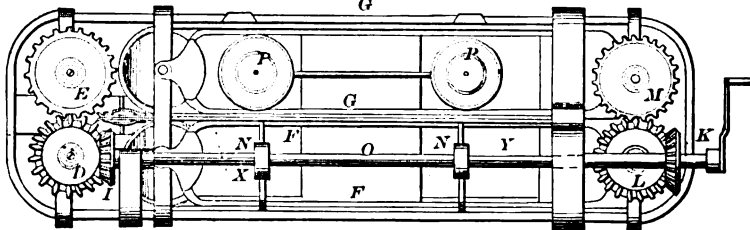
**73501**—W. D. Carpenter—*Harvester.*



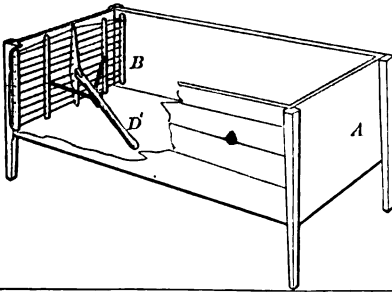
**73505**—W. S. Colwell—*Stave Machine.*



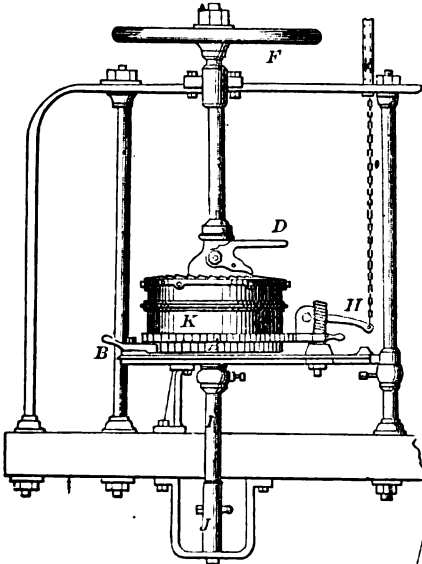
**73507**—J. F. Cranston—*For Making and Dipping Matches.*



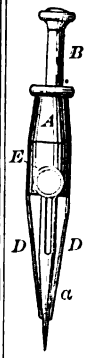
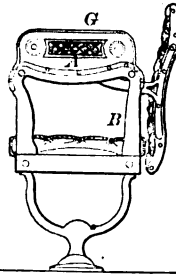
73508—P. Crary—Curd Breaker.



73509—W. G. Creamer—Car Brakes.

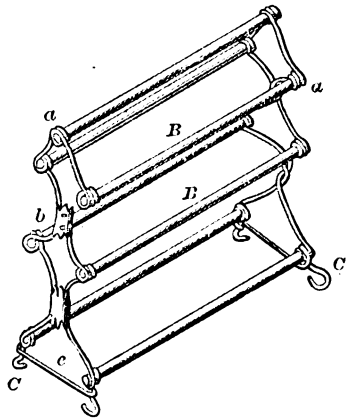


73510—W. G. Creamer—Cur Seat.

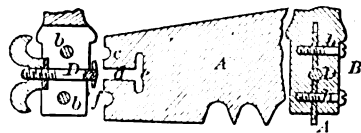


73511—A. C. Crosby—Jewelry Watches

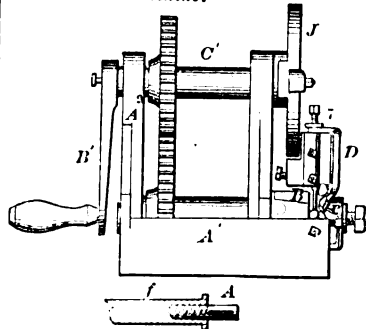
73517—E. E. Everett—Towel Rack.



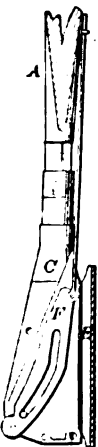
73516—T. S. Disston—Cross Cut Saw.



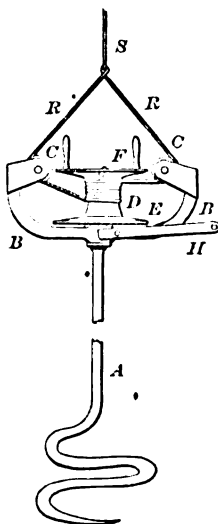
73518—Fitzpatrick & Schinneller—Chain Machine.

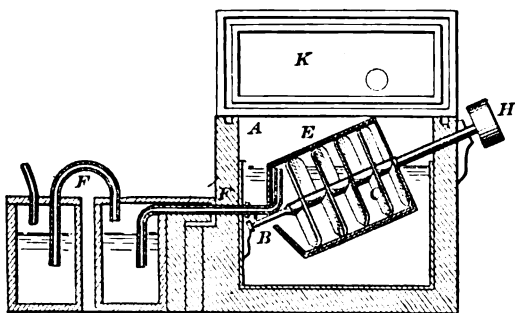
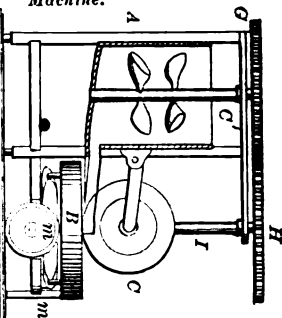
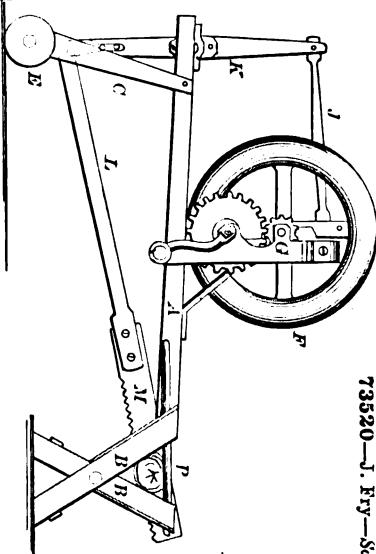
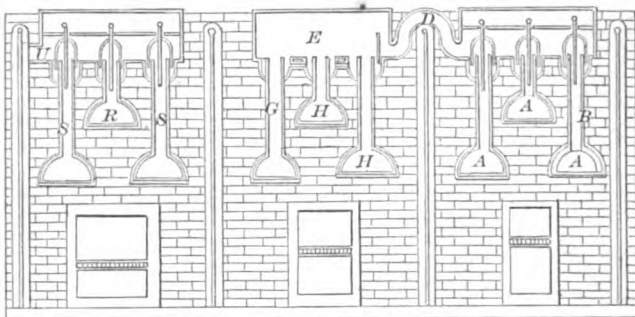
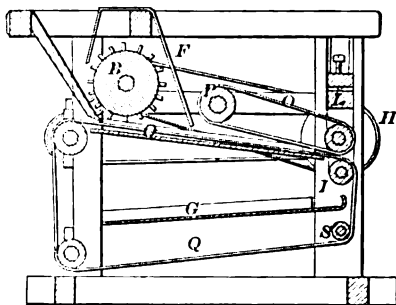
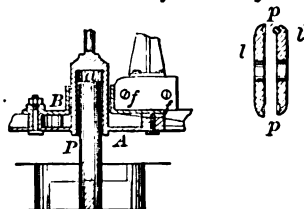


73513—J. D. Dale—For Discovering Fissures in Wells.

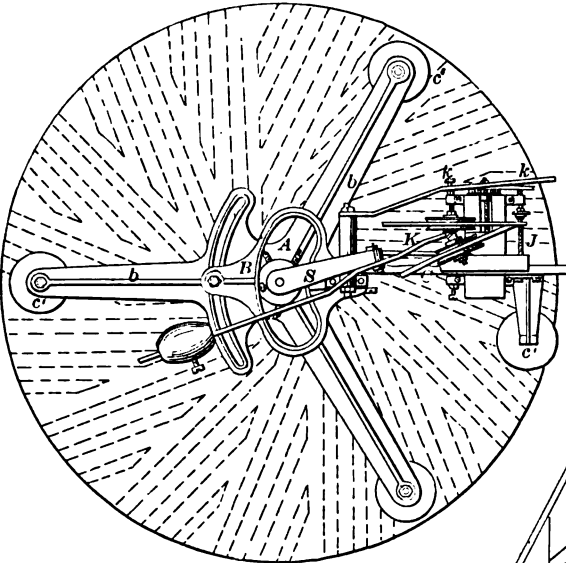


73515—H. E. Dewey—Horse Hay Rake.

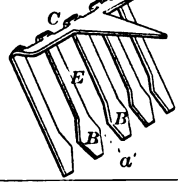


**73519—F. Formhals—For Collecting Metallic Vapors.****73522—R. M. Gano—Brick Machine.****73521—R. M. & A. R. Fryer—Manufacture of Illuminating Gas****73520—J. Fry—Sewing Machine.****73523—L. Gebhart—Cider Mill.****73524—S. Golay—Dressing Mill Stone.**

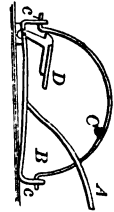
73524—Continued.



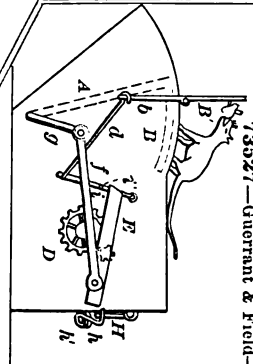
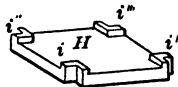
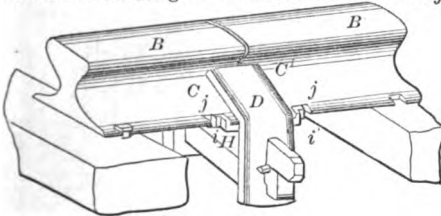
73525—  
R. H. Gordon, Sr.—  
Hoe and Rake.



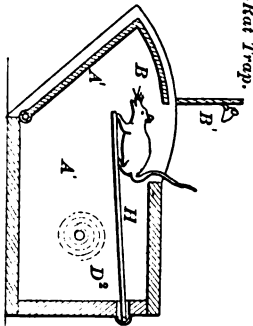
73526—Goss & Rais—  
Steel Trap.



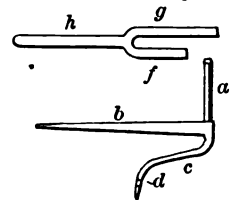
73529—N. Headington—Railroad Rail Fastening



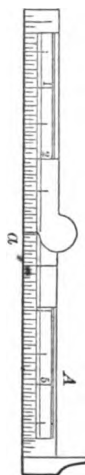
73527—Guerrant & Field—Rat Trap.



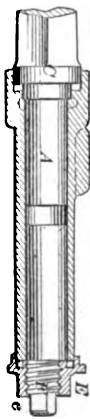
73533—C. Kaulbeck—  
Manufacture of Hinge Hooks.



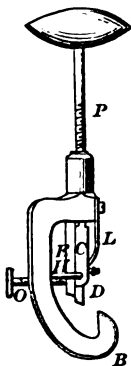
73532—W. O. Jones—Rule and Square.



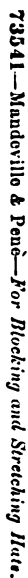
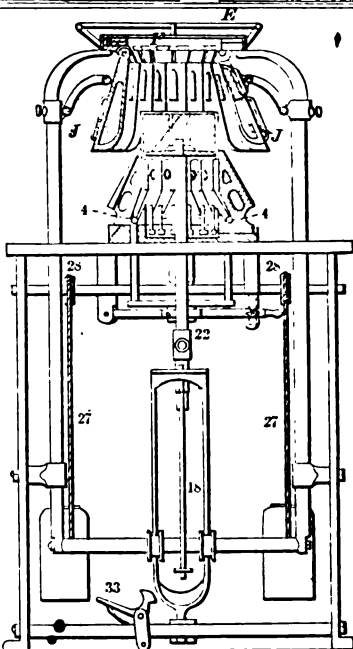
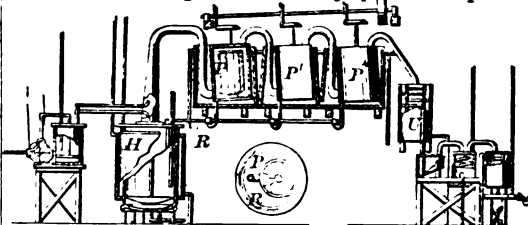
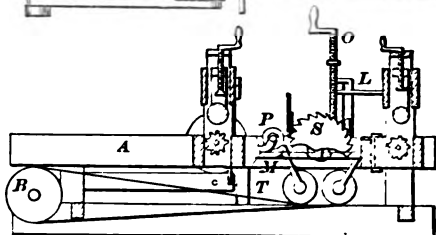
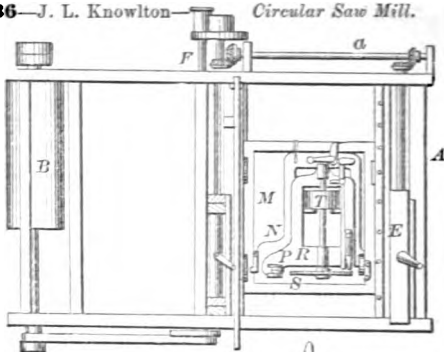
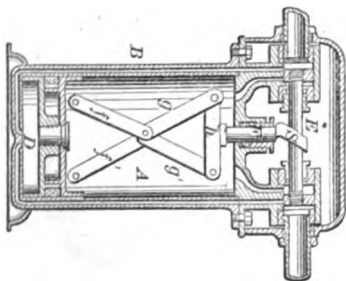
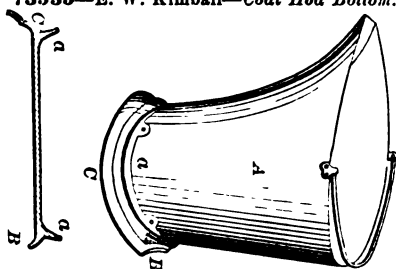
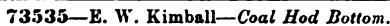
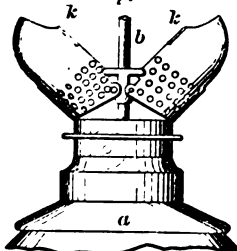
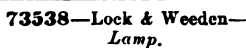
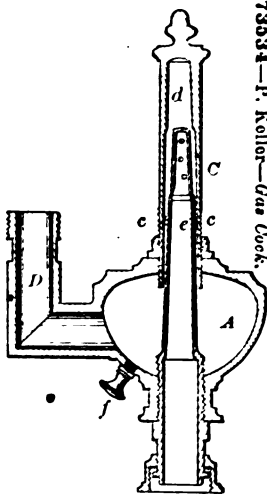
73530—W. S. Johnson—Buggy Top.



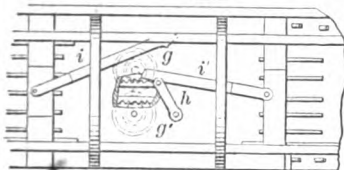
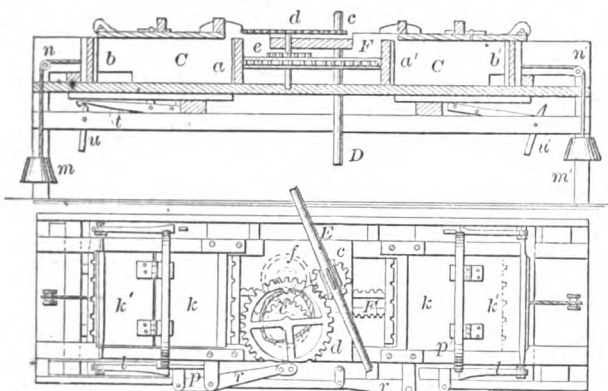
73528—D. F. Hartford—Pipe and Rod Cutter.



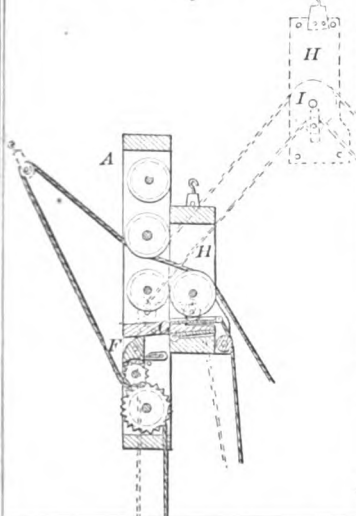




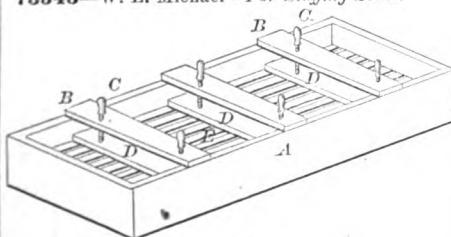
73542—Maxey & Mason—Hay and Cotton Press.



73544—A. Mott—Hay Elevator.



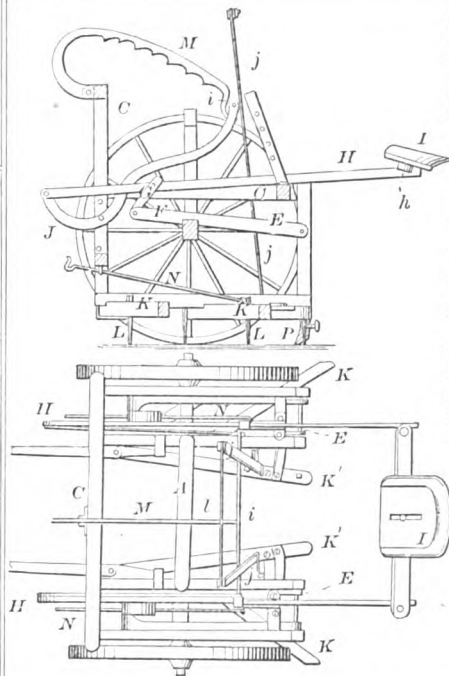
73543—W. E. Michael—For Stuffing Seats.



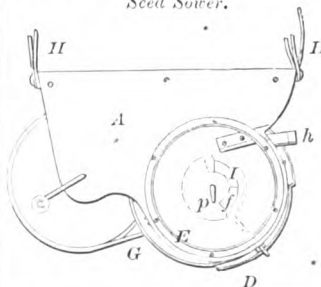
73546—C. C. Pease—Insect Stretcher.



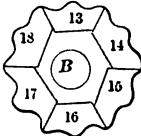
73547—Rich & Neiser—Cultivator and Harrow.



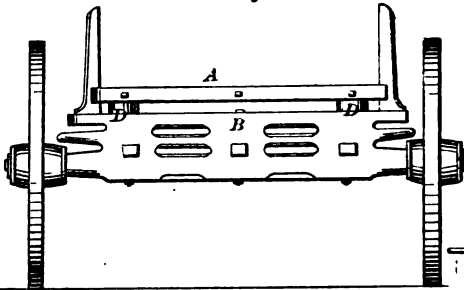
73548—Rowe, Mitchell & Hamill—Seed Sower.



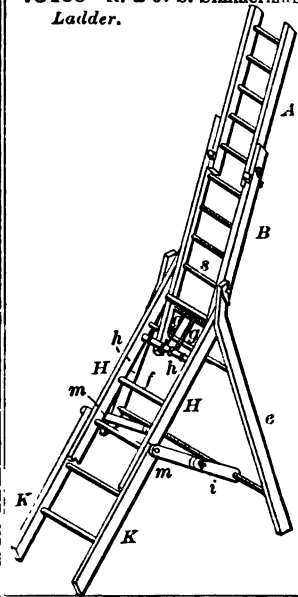
**73467—S. J. Seely—*Iron Roll.***



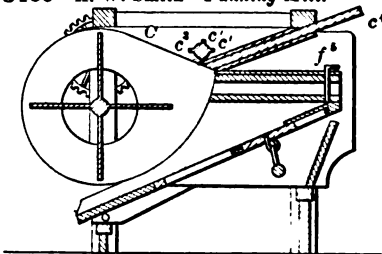
**73471—C. Stebbins—Wagon Bolster.**



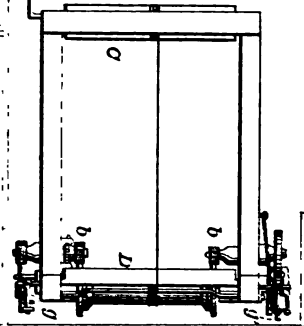
73468—A. & J. S. Simmerman—  
Ladder.



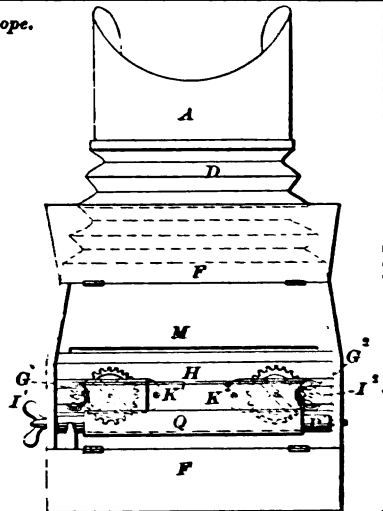
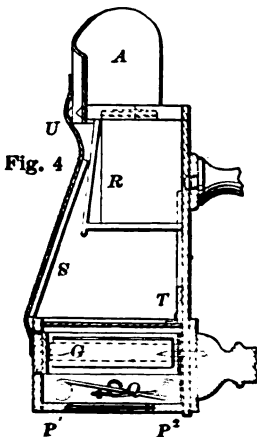
**73469—A. W. Smith—Fanning Mill.**



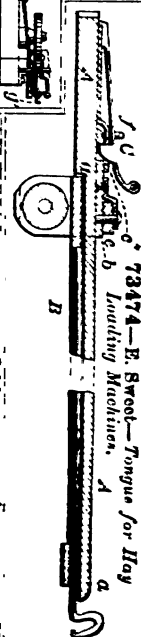
73470—T. S. Smith—  
*Let-off for Looms.*



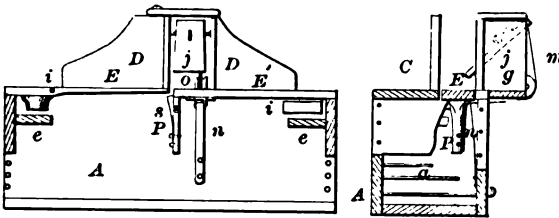
**73472—J. W. Storrs—Stereoscope.**



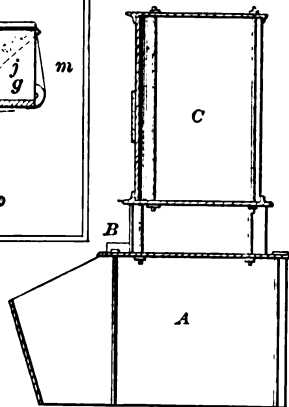
73474—E. Sweet—Tongue for Hay  
Loading Machine.



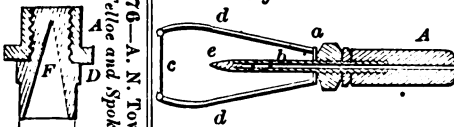
73475—N. S. Thompson—Animal Trap.



73477—A. N. Towne—Coal Box Store.



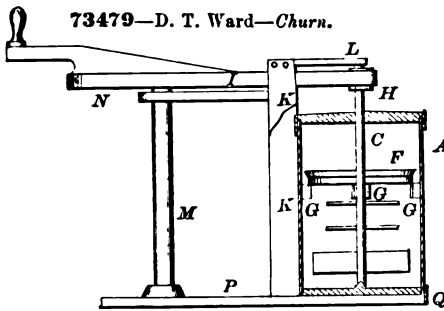
73478—W. K. Vanderslice, Jr.—  
Segar Holder.



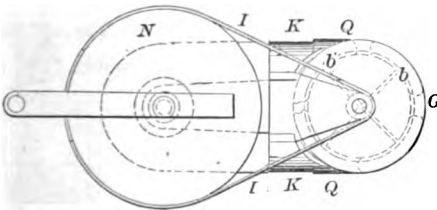
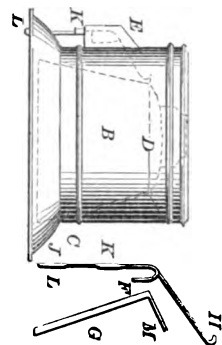
73476—A. N. Towne—  
Felloe and Spoke.



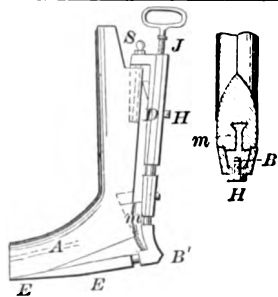
73479—D. T. Ward—Churn.



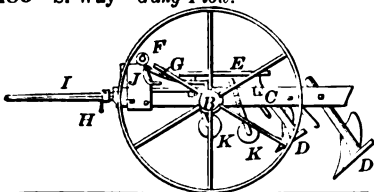
73481—Wentworth & Clark—Lantern.



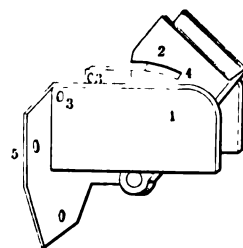
73483—H. Wright—Boot Crimp.



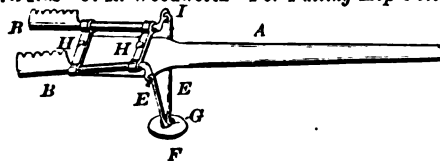
73480—S. Way—Gang Plow.



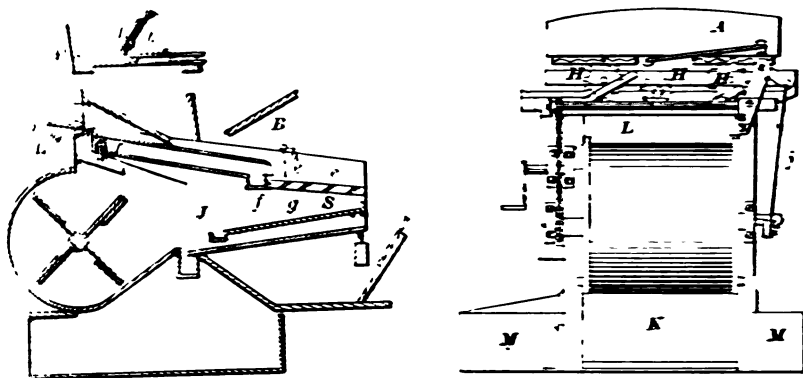
73484—M. Adams—Chuck for  
Whale Boats.



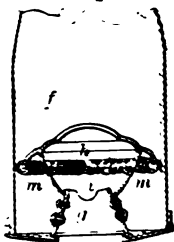
73482—J. R. Woodworth—For Pulling Hop Poles.



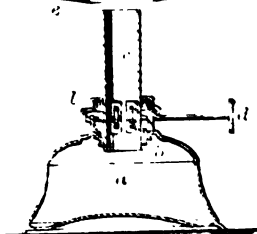
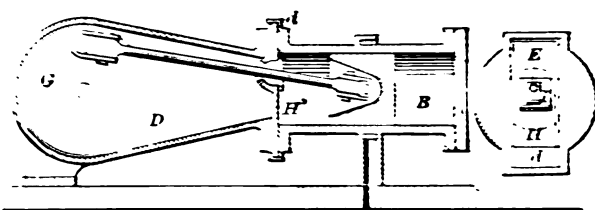
73486—S. Adams—Winnowing Mill.



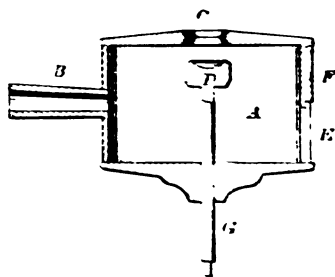
73488—L. J. Atwood—Lamp.



73489—H. Bailey—Steam Engine.



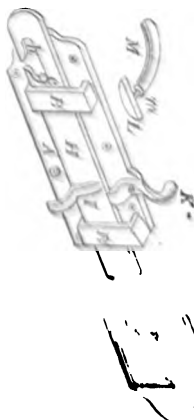
73490—L. M. Bailey—Tugger Iron.



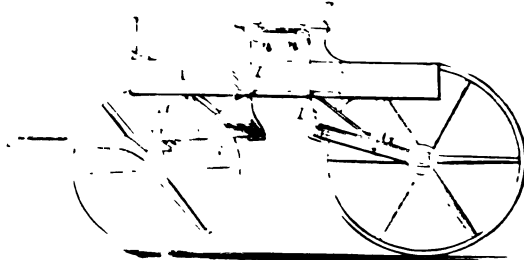
73491—J. L. Armon—Electric Cable.



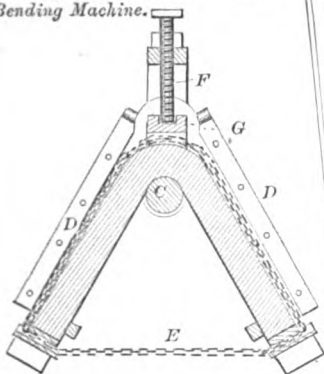
73492—H. Baker—R. and L.



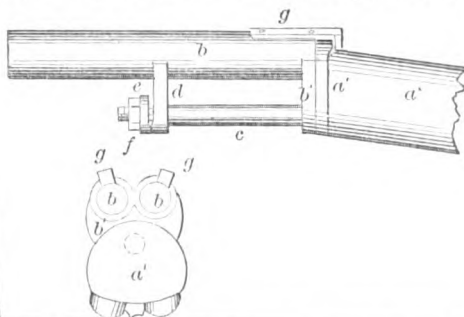
73492—Blair & Gladding—For Hanging Carriage Bodies.



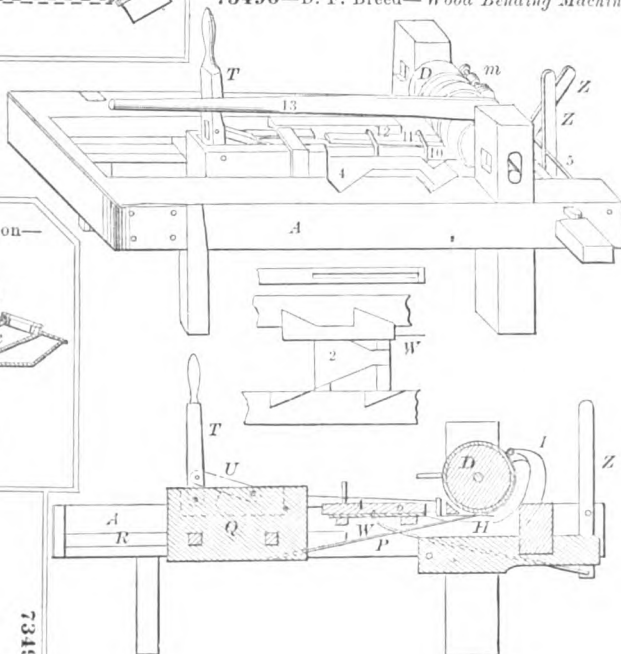
**73493**—I. W. Bowers—Wood Bending Machine.



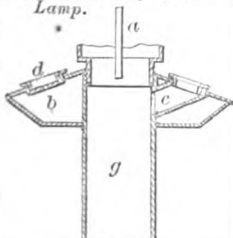
**73494**—Boyd & Shelton—Breech-Loading Fire Arm.



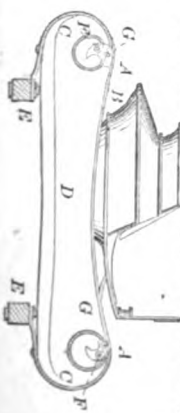
**73496**—D. F. Breed—Wood Bending Machine.



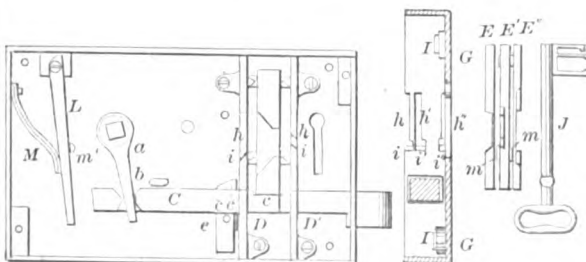
**73495**—O. Boynton—Lamp.



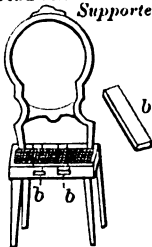
**73497**—E. C. Brooks—Spring Attachment to Vehicles.



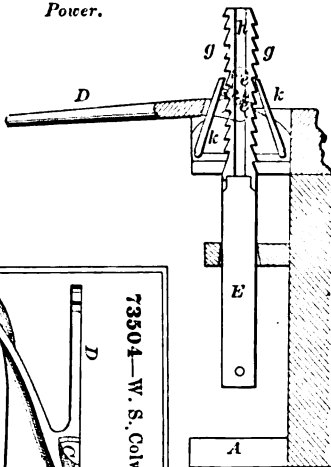
**73498**—C. Brown—Knob Latch and Knob.



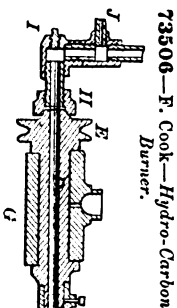
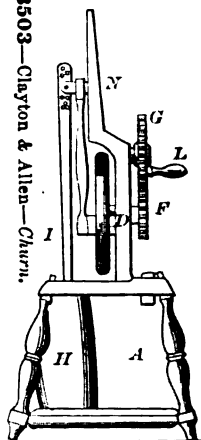
**73499**—Butterfield & Trendwell—*Chair Seat Supporter.*



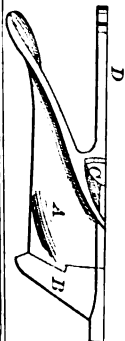
**73500**—X. Carpenter—*Hop Press Power.*



**73503**—Clayton & Allen—*Churn.*

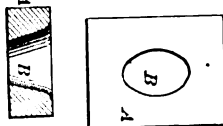


**73506**—F. Cook—*Hydro-Carbon Burner.*

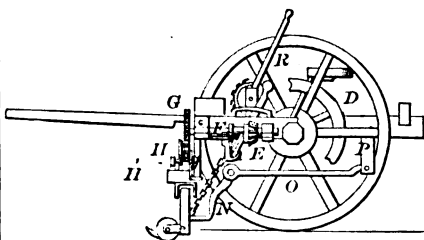
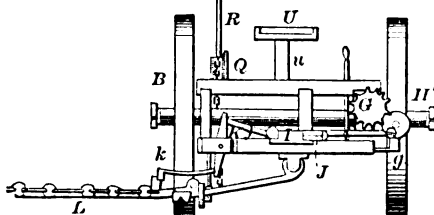


**73504**—W. S. Colwell—*Plow.*

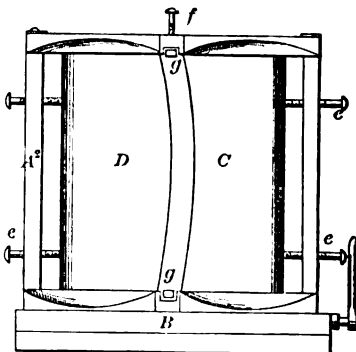
**73502**—R. W. Clark—*Forge Hearth.*



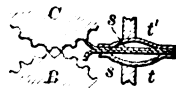
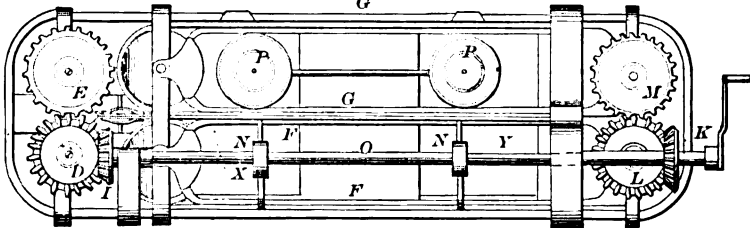
**73501**—W. D. Carpenter—*Harvester.*



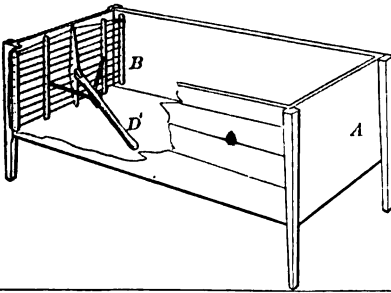
**73505**—W. S. Colwell—*Stave Machine.*



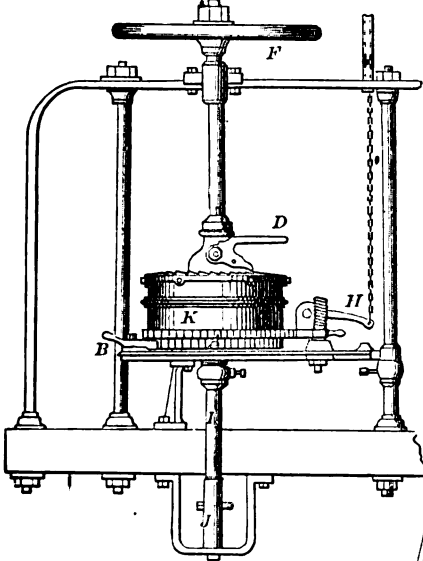
**73507**—J. F. Cranston—*For Making and Dipping Matches.*



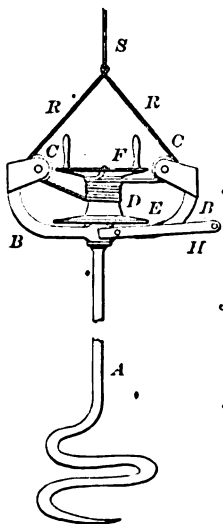
**73508**—P. Cray—*Curd Breaker.*



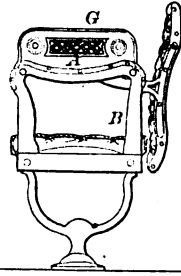
**73509**—W. G. Creamer—*Car Braks.*



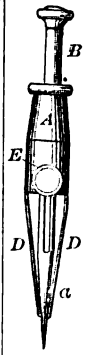
**73513**—J. D. Dale—*For Discovering Fishes in Wells.*



**73515**—H. E. Dewey—*Horse Hay Rake.*

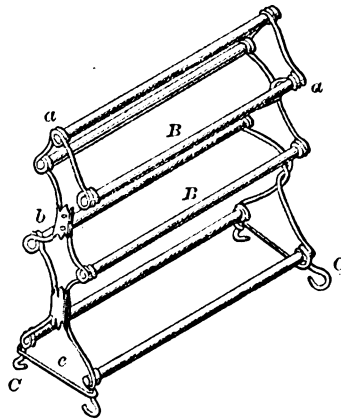


**73510**—W. G. Creamer—*Car Seat.*

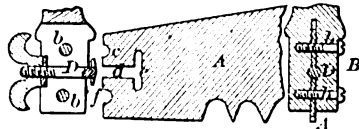


**73511**—A. C. Crosby—*Fishing Watches.*

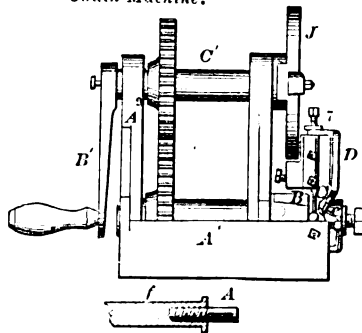
**73517**—E. E. Everett—*Toilet Rack.*



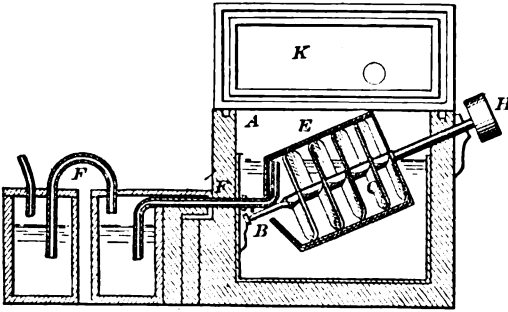
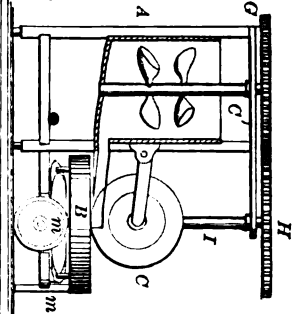
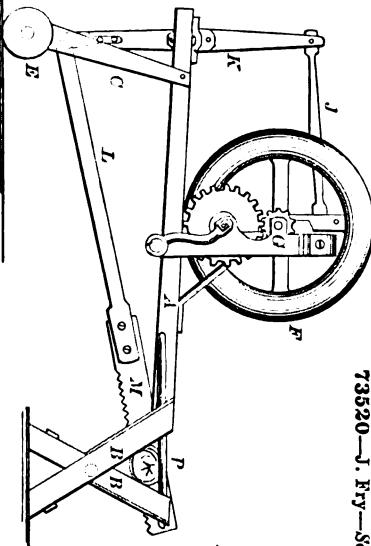
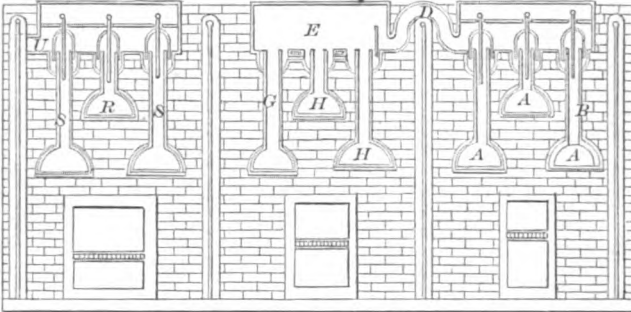
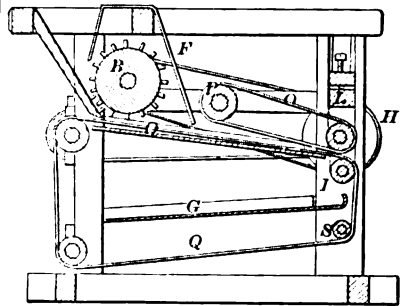
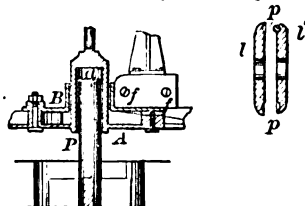
**73516**—T. S. Disston—*Cross Cut Saw.*



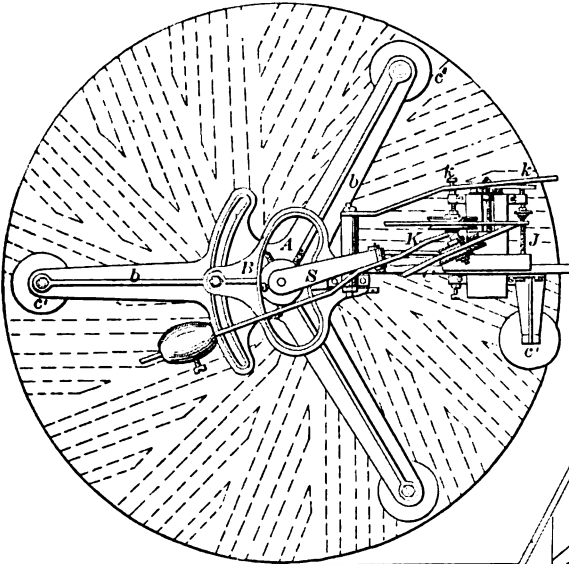
**73518**—Fitzpatrick & Schinneller—*Chain Machine.*



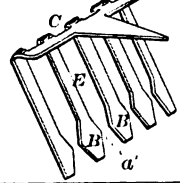


**73519**—F. Formhals—*For Collecting Metallic Vapors.***73522**—R. M. Gano—*Brick Machine.***73521**—R. M. & A. R. Fryer—*Manufacture of Illuminating Gas***73520**—J. Fry—*Sawing Machine.***73523**—L. Gebhart—*Cider Mill.***73524**—S. Golay—*Dressing Mill Stone.*

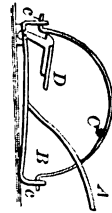
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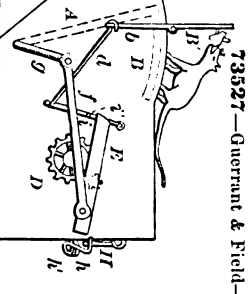
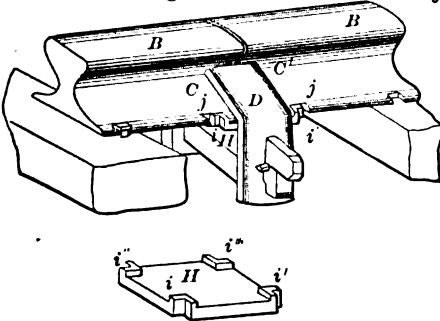
73525—  
R. H. Gordon, Sr.—  
Hoe and Rake.



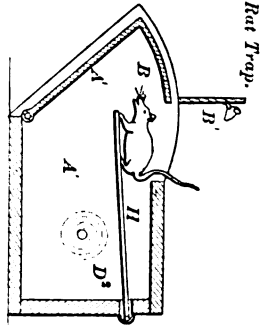
73526—Goss & Ruiz—  
Steel Trap.



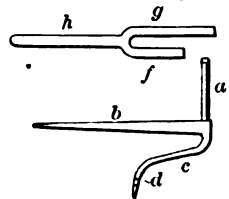
73529—N. Headington—Railroad Rail Fastening



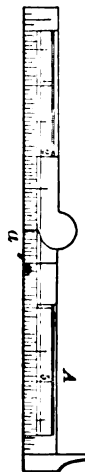
73527—Guerrant & Field—Rat Trap.



73533—C. Kaulbeck—  
Manufacture of Hinge Hooks.



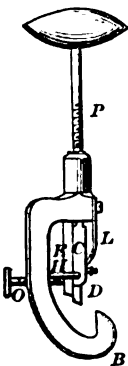
73532—W. O. Jones—Rule and Square.

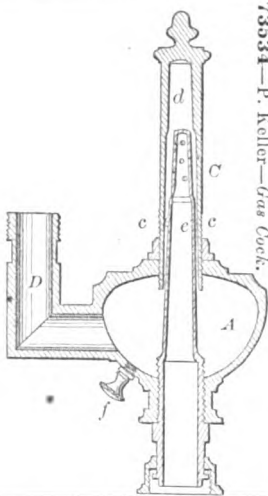


73530—W. S. Johnson—Buggy Top.



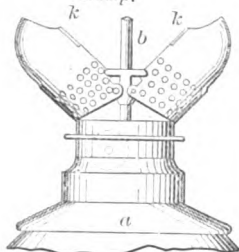
73528—D. F. Hartford—Type and Rod Cutter.



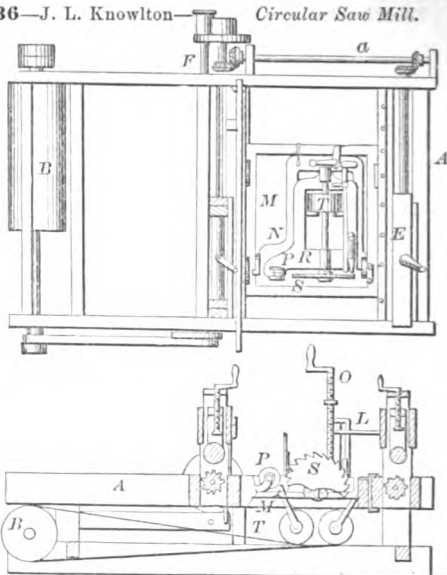


73534—P. Keller—Gas Cock.

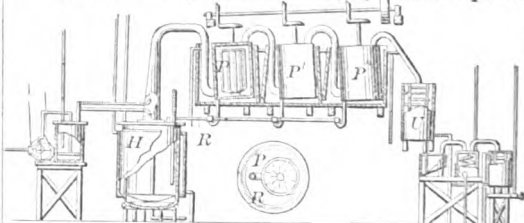
73538—Lock &amp; Weeden—Lamp.



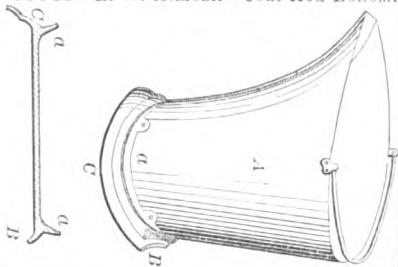
73536—J. L. Knowlton—Circular Saw Mill.



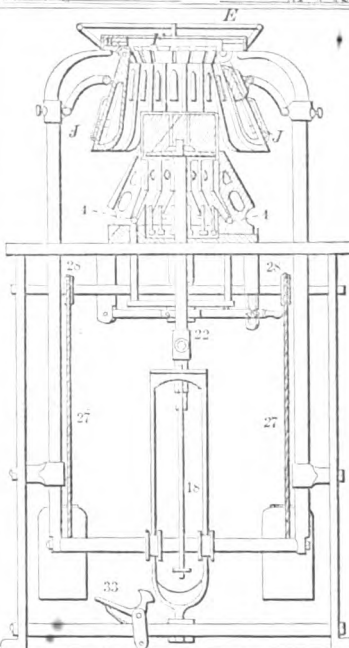
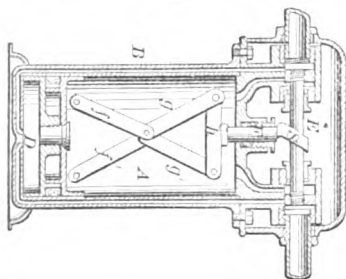
73539—O. Lugo—For Distilling Spirituous Liquids.



73535—E. W. Kimball—Coal Hod Bottom.

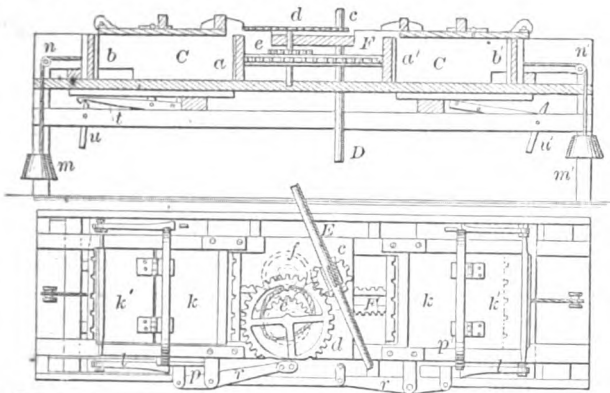


73537—W. Livingstone—Water Meter.

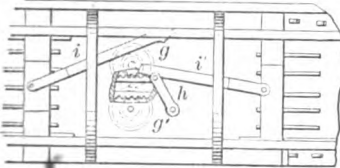
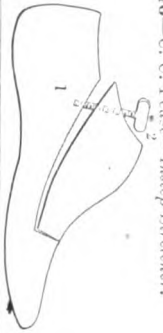


73541—Mandeville &amp; Pené—For Blocking and Stretching Huts.

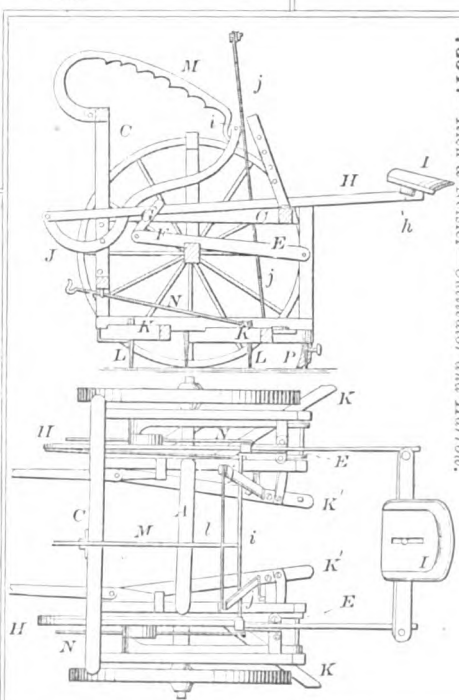
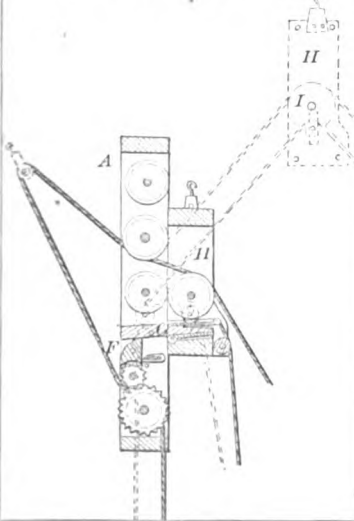
73542—Maxey & Mason—Hay and Cotton Press.



73546—C. C. Pace—Incap Stecker.

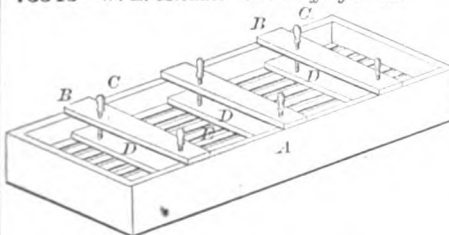


73544—A. Mott—Hay Elevator.

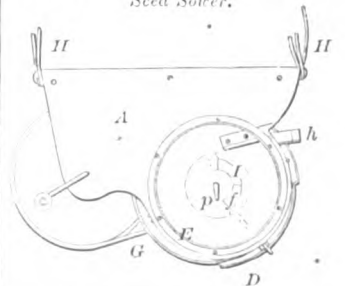


73547—Rich & Nisler—Cultivator and Harrow.

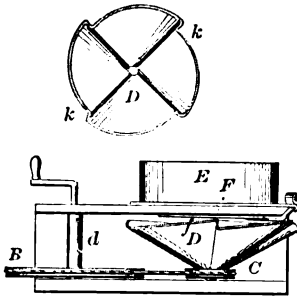
73543—W. E. Michael—For Stuffing Seats.



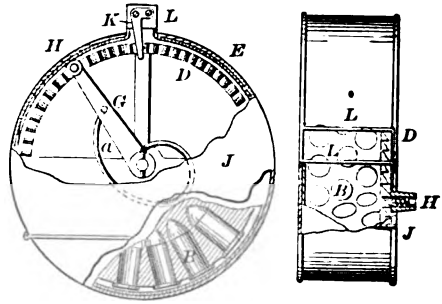
73548—Rowe, Mitchell & Hamill—Seed Sower.



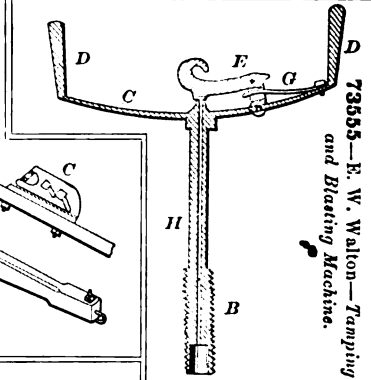
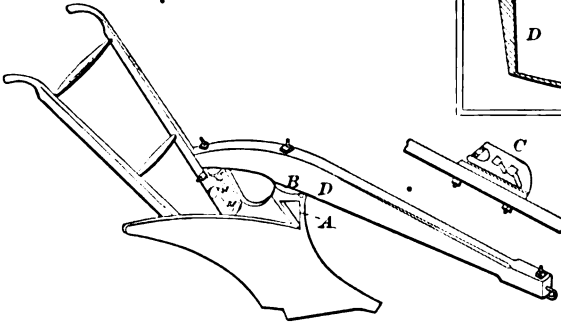
73548—Continued.



73549—P. F. Schneider—Cartridge Box.

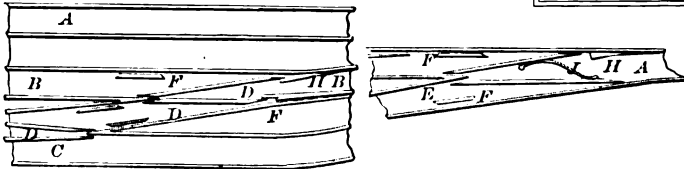


73550—Smith &amp; Strasser—Plow.

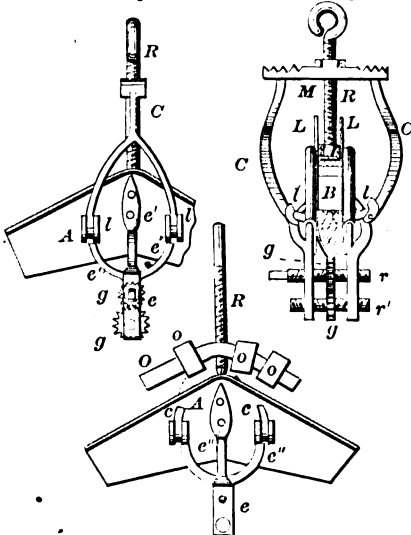


73555—E. W. Walton—Tamping and Blasting Machine.

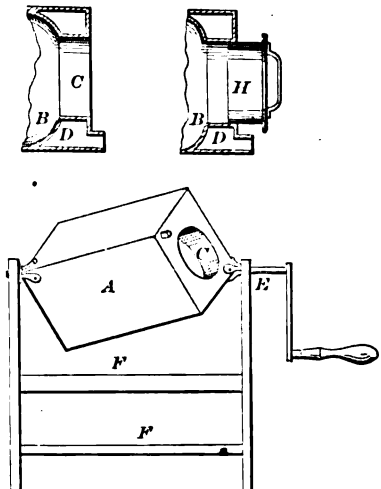
73551—Spurgin &amp; Kirk—Railway Switch.



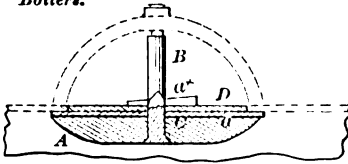
73554—Tipton &amp; Carl—Boot Crimp.



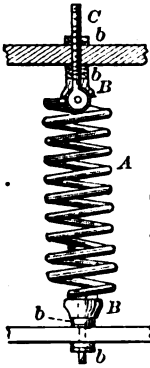
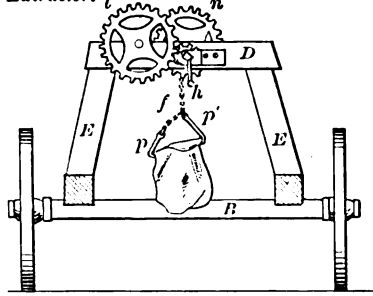
73556—S. J. Whipple—Churn.



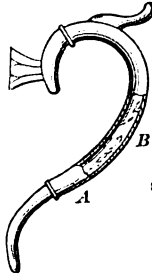
**73557**—G. White—*Hand Hole Joint for Boilers.*



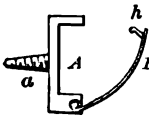
**73558**—Wieand & Gorr—*Stone and Stump Extractor.*



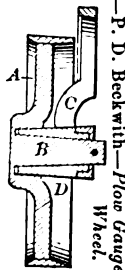
**73559**—D. Witt—*Spring Holder.*



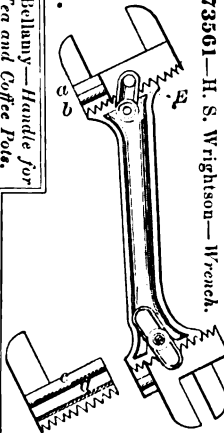
**73567**—W. Bellamy—*Handle for Metal Tea and Coffee Pot.*



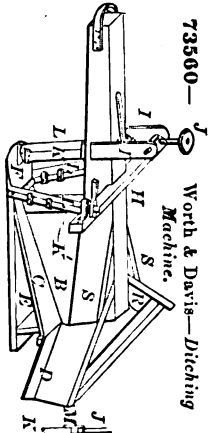
**73563**—W. R. Anderson—*Stair Rod Fastener.*



**73564**—P. D. Beckwith—*Pine Gauge Wheel.*

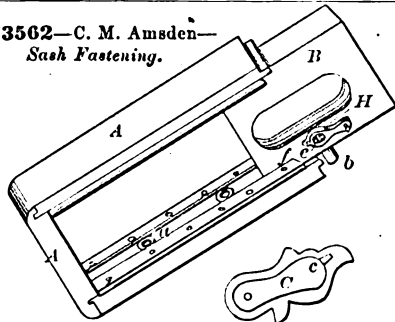


**73561**—H. S. Wriggison—*Wrench.*

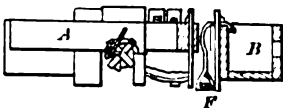
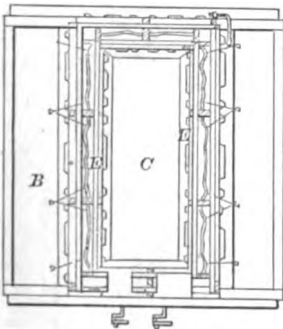


**73560**—J. Worth & Davis—*Ditching Machine.*

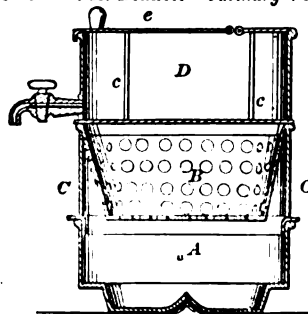
**73562**—C. M. Amsden—*Sash Fastening.*



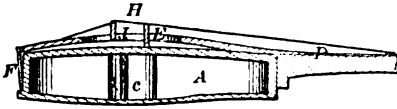
**73566**—E. Bell—*Coffer Dam.*



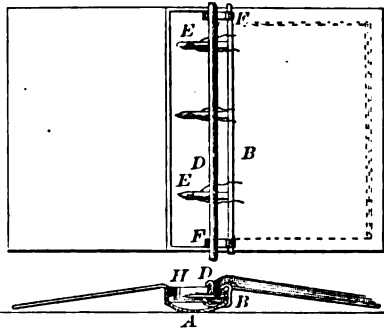
**73568**—W. H. Bennett—*Culinary Vessel.*



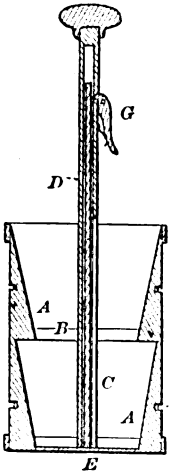
73569—B. Bishop—Violin.



73572—S. Brock—Paper File.



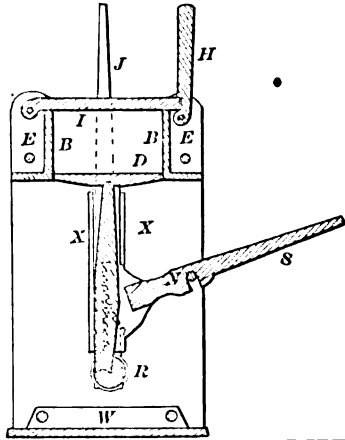
73573—A. Brooks—For Supporting Tin Cans when being Soldered.



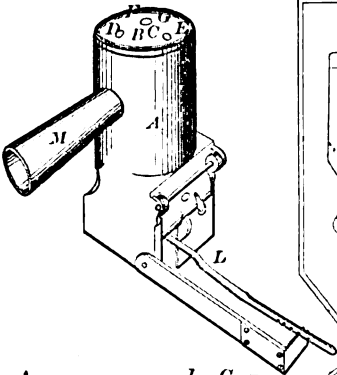
73575—C. E. Duck—Arletree.



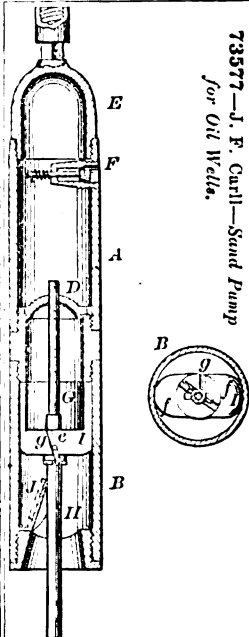
73576—T. J. Burke—Concrete Brick Press.



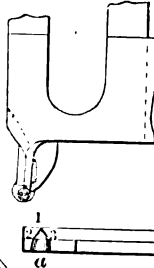
73574—J. Brown—Tuyere Iron.



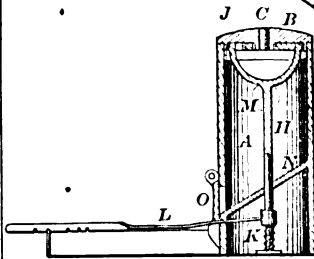
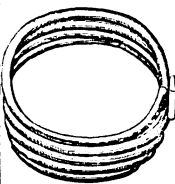
73577—J. F. Carl—Sand Pump for Oil Wells.



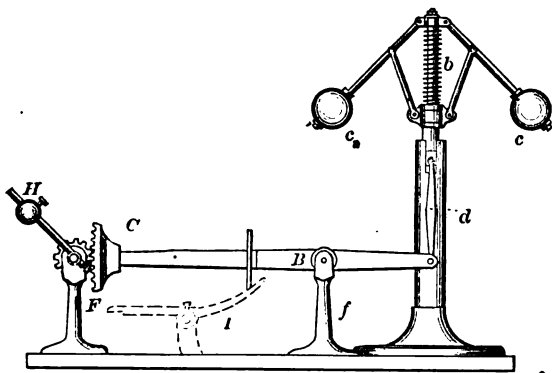
73579—L. R. Blake—For Cutting Channels in Boots and Shoes



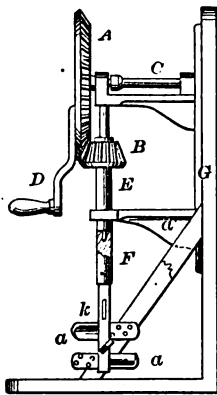
73571—L. K. Boyd—Ring for Closing Fruit Jars.



73578—W. L. Collamore—*Steam Governor.*



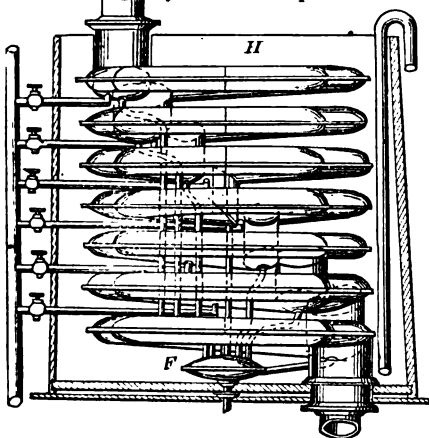
73583—M. O. Davis—*Churn Dash.*



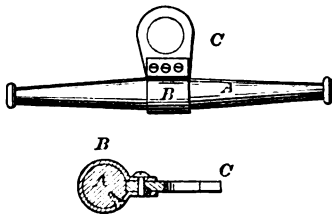
73580—R. Cook—*Scissors.*



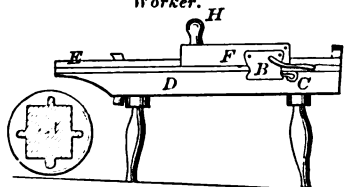
73579—J. F. Collins—*Rectifier and Condenser for Alcoholic Spirits.*



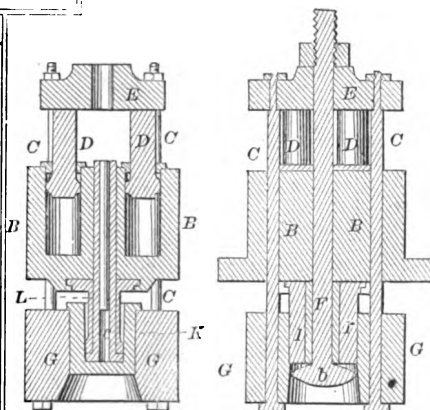
73581—E. & J. C. Covert—*Neck Yoke.*



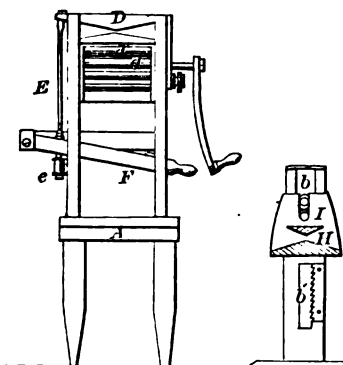
73582—W. Cunningham—*Butter Worker.*



73585—A. Dow—*For Manufacturing Sheet Lead.*

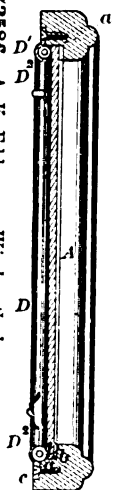


73584—W. S. Douglas—*Clothes Wringer.*

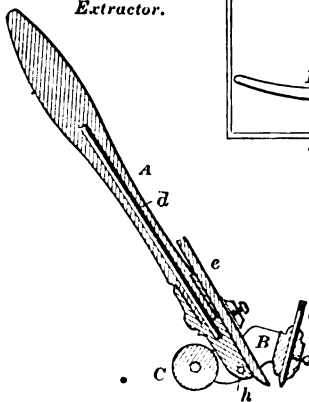




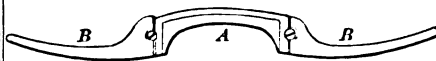
73586—A. K. Eddowes—Window Sash.



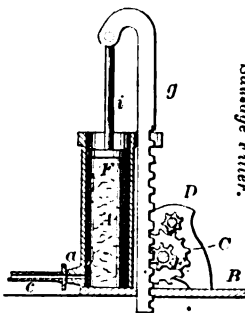
73587—J. Edson—Nail Extractor.



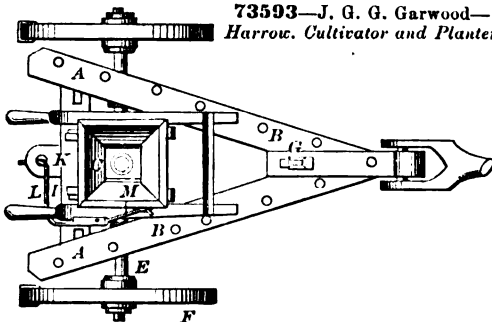
73588—M. M. Elliott—Shoe Shave.



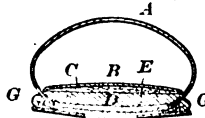
73591—M. Feuerstein—Sewage Filter.



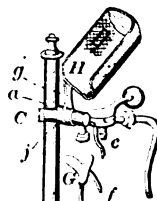
73593—J. G. G. Garwood—Harrow, Cultivator and Planter.



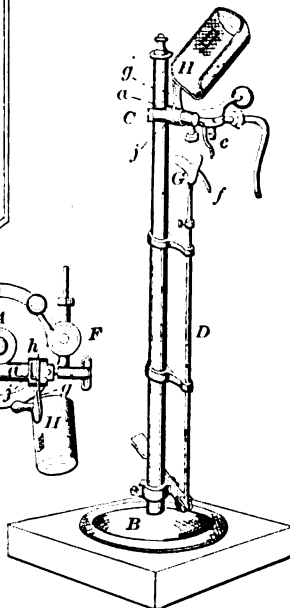
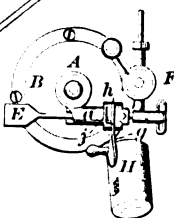
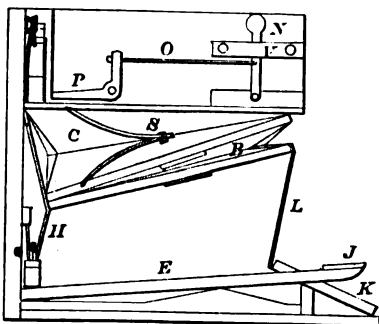
73589—M. R. Ethridge—Boots and Shoes.



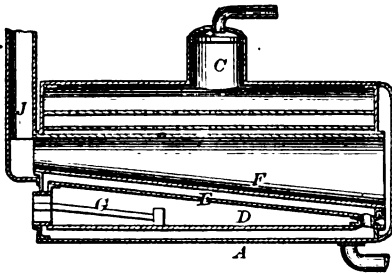
73594—W. Gee—For Filling Syphon Bottles.



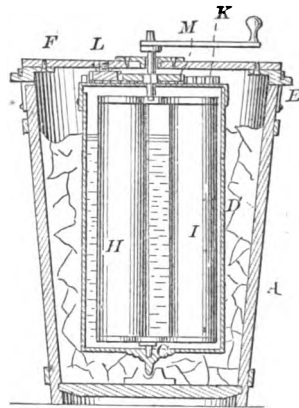
73592—O. Follett—Bellows.



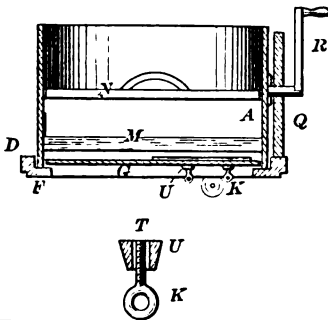
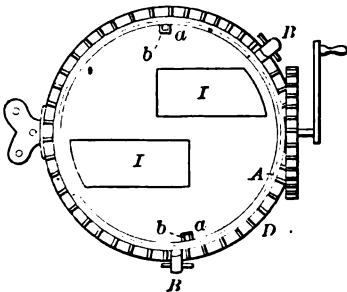
**73595**—H. Gernör—*Steam Generator.*



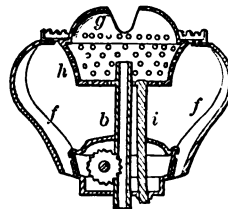
**73596**—C. Gooch—*Ice Cream Freezer.*



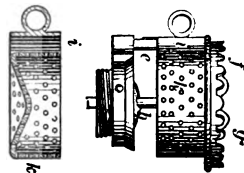
**73597**—G. P. Hachenberg—*Vegetable Cutter.*



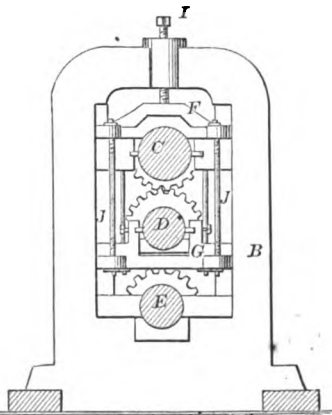
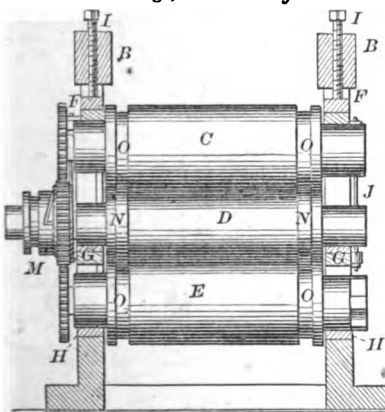
**73599**—H. W. Hayden—*Lamp.*



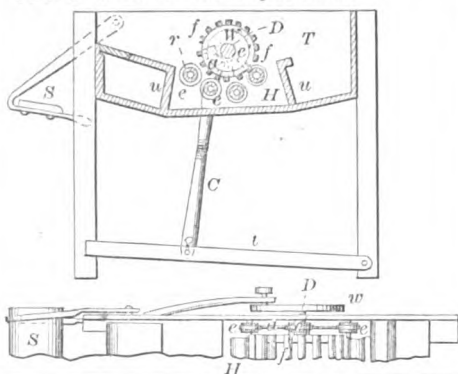
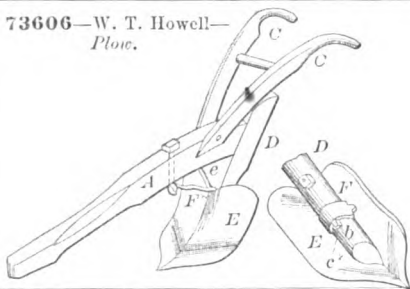
**73600**—H. W. Hayden—*Lamp.*



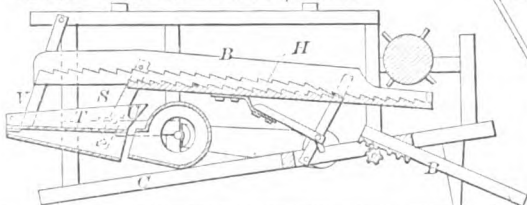
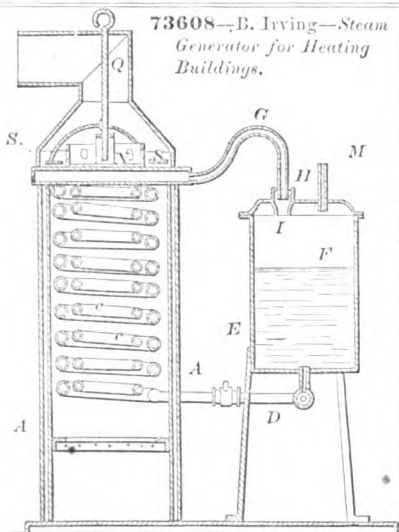
**73598**—G. Hastings, Jr.—*Rolling Machine.*



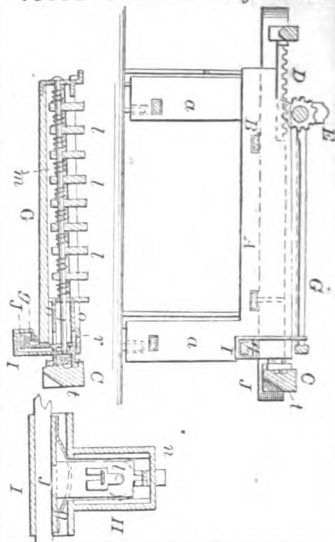
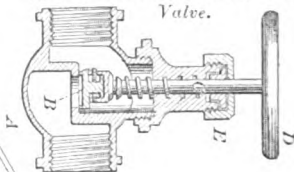
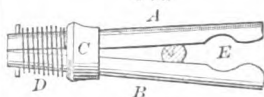
73601—H. Helm—Washing Machine.

73606—W. T. Howell—  
Plove.

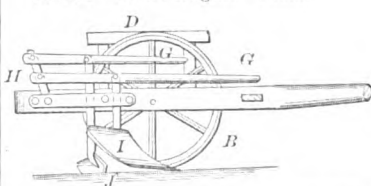
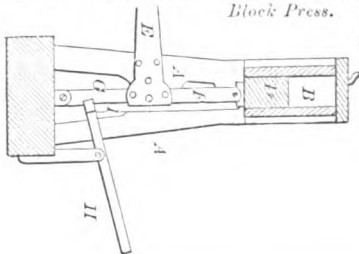
73605—O. Holmes—Grain Separator.

73608—B. Irving—Steam  
Generator for Heating  
Buildings.

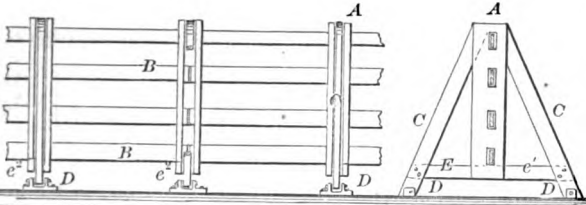
73604—T. Hall—Lathing Machine.

73602—H. H. Hendrick—Globe  
Valve.73609—D. D. Jones—Clothes  
Pin.

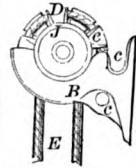
73607—D. W. Hughes—Plow.

73610—O. L. Jordan—Concrete Building  
Block Press.

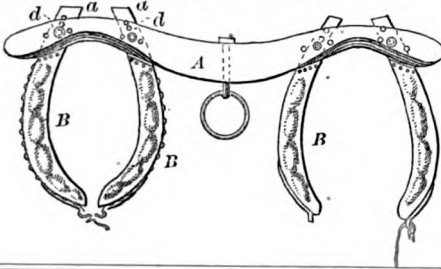
**73611—D. Kaufman—Fence.**



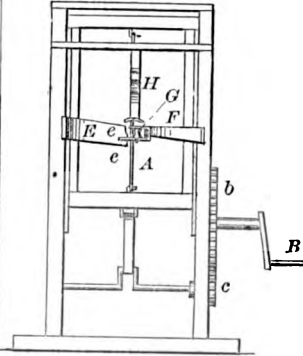
**73612—C. F. Knauer—  
Curtain Fixture.**



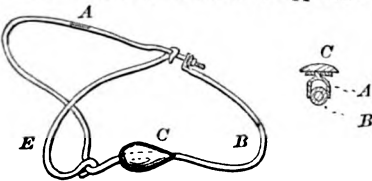
**73613—J. Langenbach—Ox Yoke.**



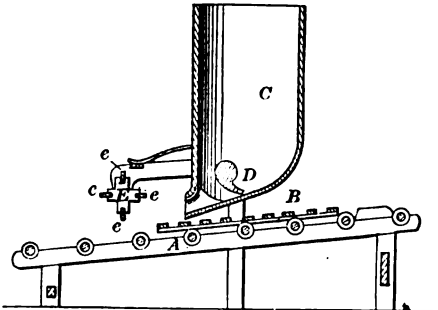
**73615—A. Lutz—For Sawing  
Hoops.**



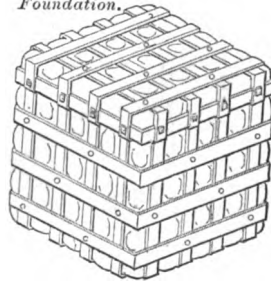
**73614—J. Lecocq—Abdominal Supporter.**



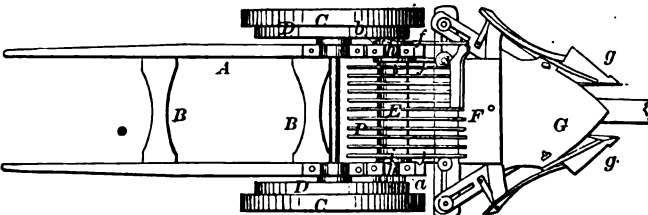
**73616—J. B. Lyons—For Moulding Peat.**



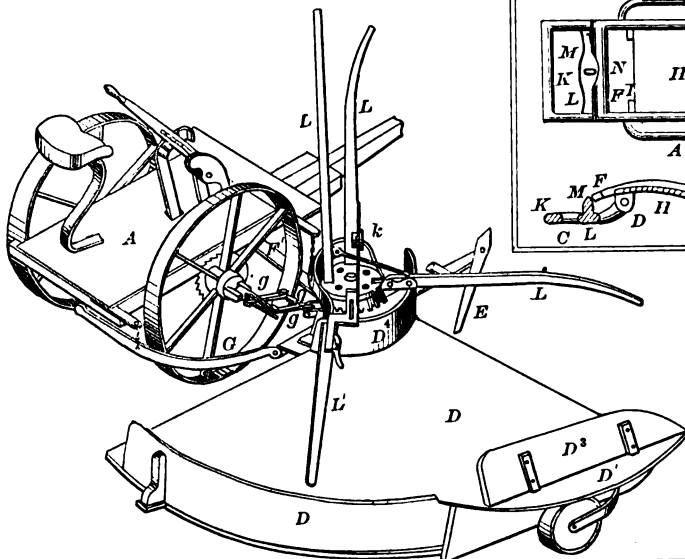
**73617—E. Manico—Marine  
Foundation.**



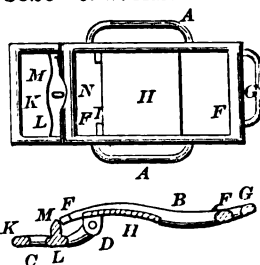
**73618—F. B. Marden—Potato Planter, Hoe and Potato Digger.**



73619—J. S. Marsh—Harvester Rake.



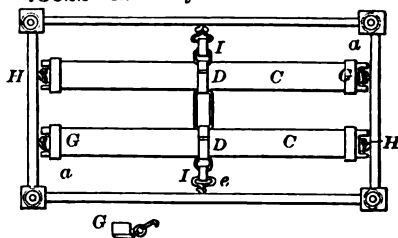
73620—C. W. Martin—Buckle.



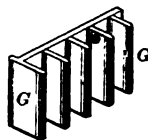
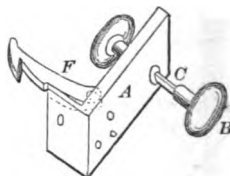
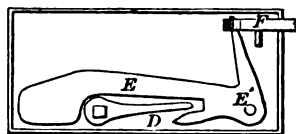
73621—W. W. Martin—Lubricating Car Wheels.



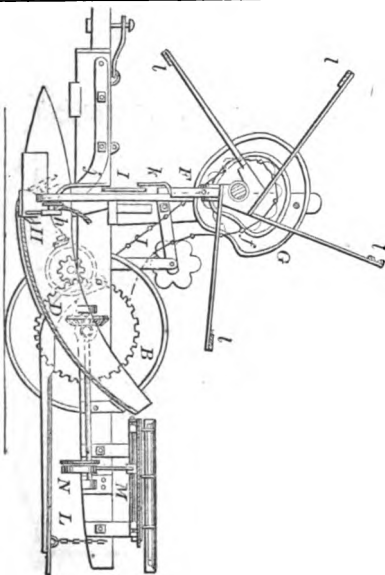
73622—N. Maxey—Bed Bottom.



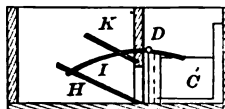
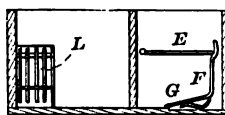
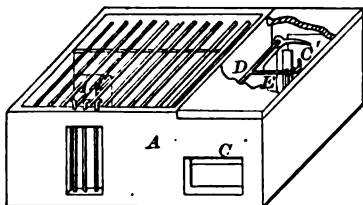
73624—C. E. Merrifield—Gate Latch.



73623—J. B. McCormick—Harvester Rake.

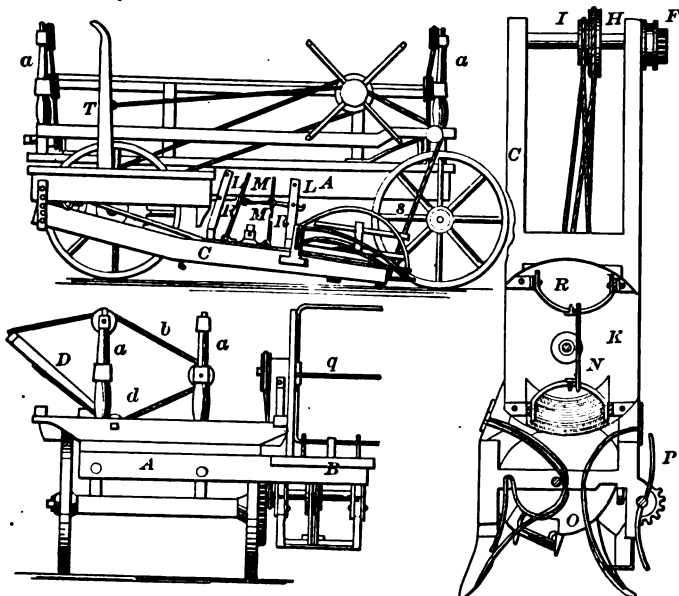


73625—J. H. Miller—*Animal Trap.*

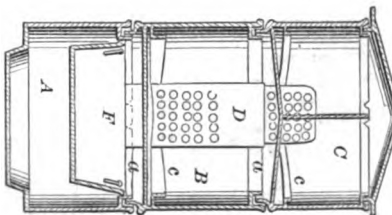
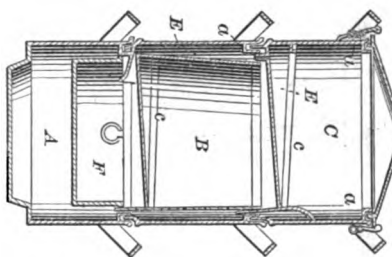
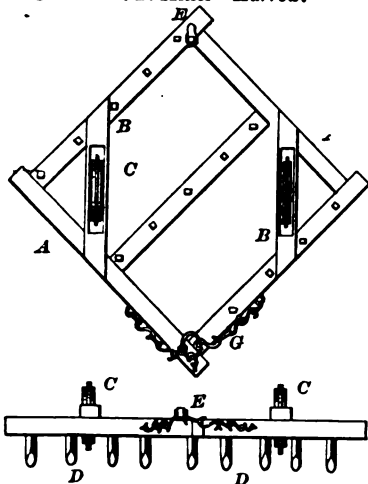


73628—R. S. Mitchell—*Flour Scoop and Sifter.*

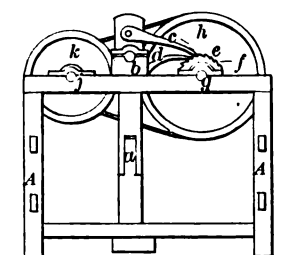
73629—H. Molby—*Corn Harvester.*



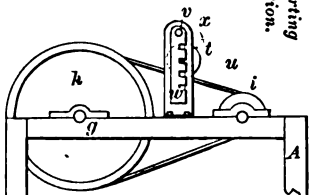
73626—N. B. Miller—*Harrow.*



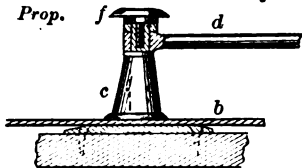
73630—T. W. Moore—*Culinary Apparatus.*



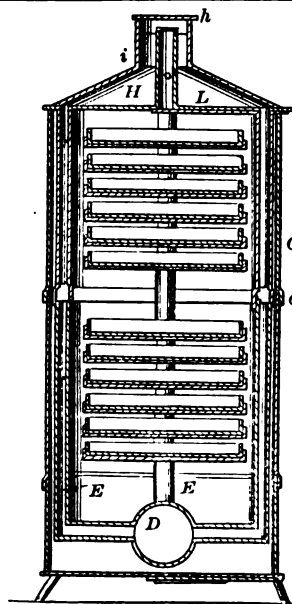
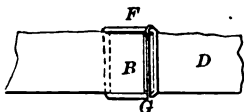
73631—D. Morrison—Converting  
Reciprocal into Rotary Motion.



73632—J. F. Mullen—Carriage Top  
Prop.

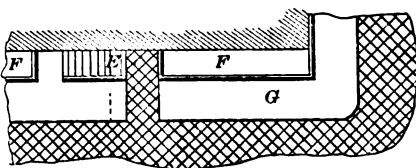
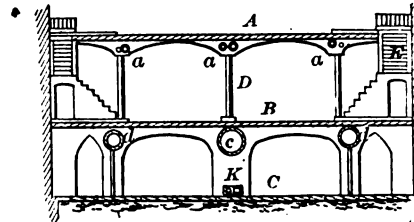


73633—H. Neumann—Buckle.

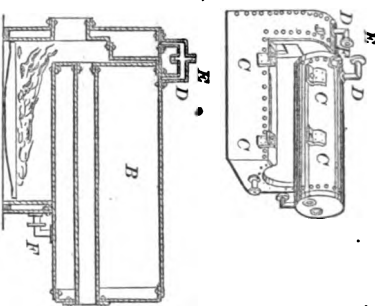


73637—L. A. Oellig—Dry House for Fruit, &c.

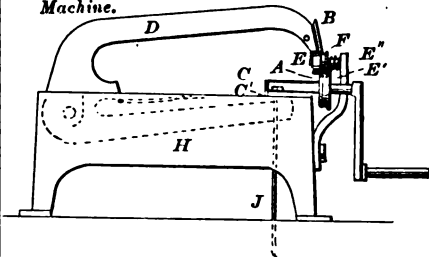
73635—S. B. B. Nowlan—Arcade Railroad.



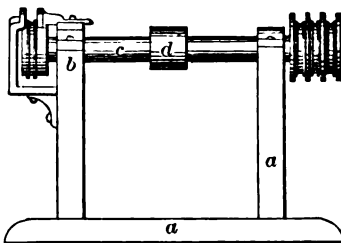
73634—A. W. Newell—Steam Generator.

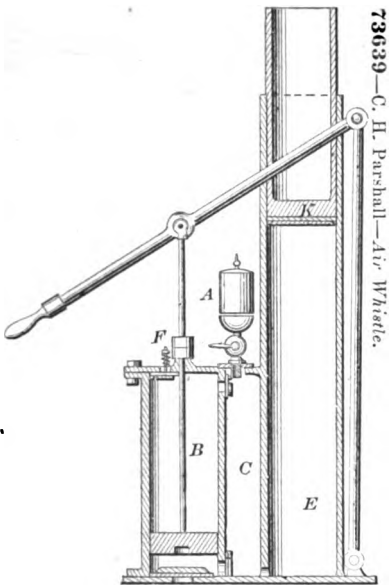


73636—H. J. Noyes—Tin Ware Seaming  
Machine.



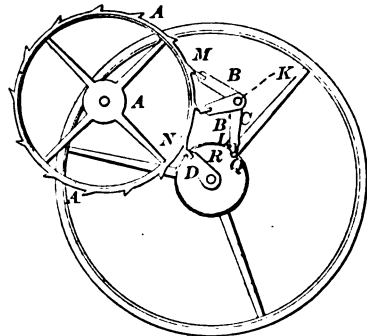
73638—C. W. Palmer—For Finishing the Edges  
of Boot and Shoe Soles.



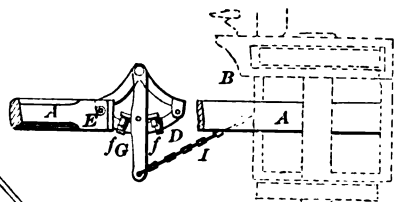


73639—C. H. Parshall—Air Whistle.

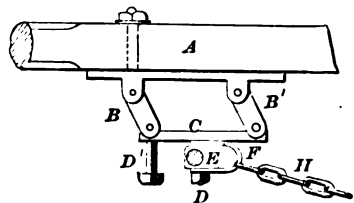
73646—O. H. Potter—Chronometer Escapement.



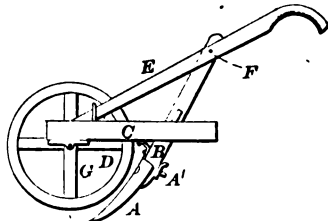
73641—H. W. Pell—Harvester.



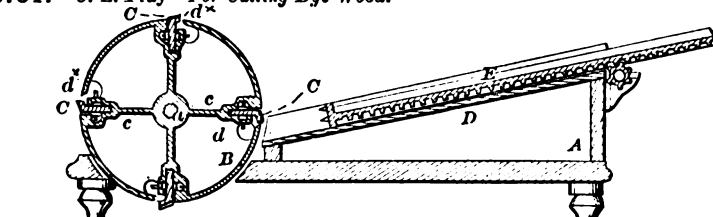
73642—H. W. Pell—Harvester.



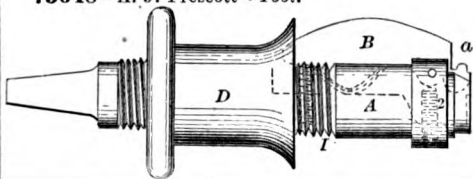
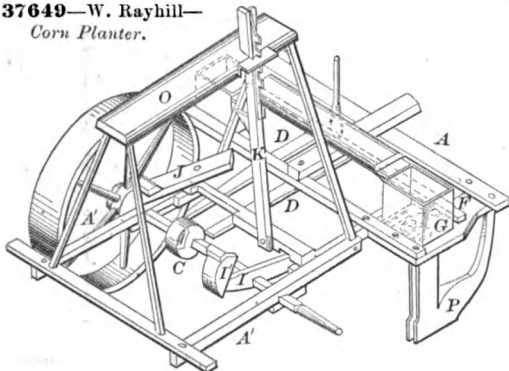
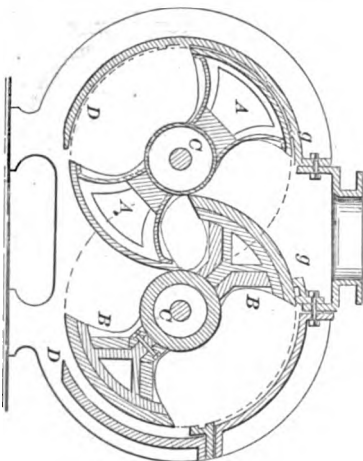
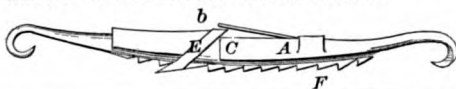
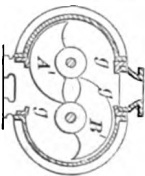
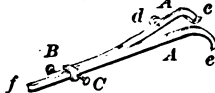
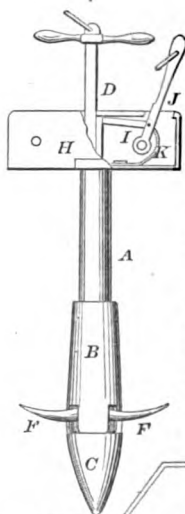
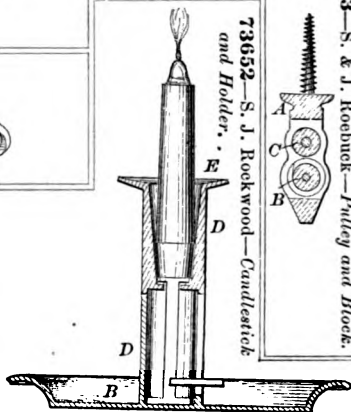
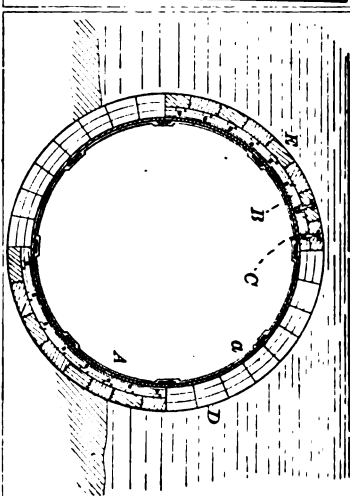
73644—D. Pettierew—Garden Plow.



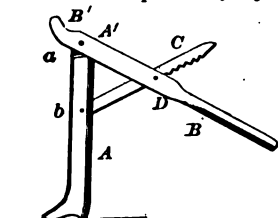
37647—O. E. Pray—For Cutting Dye Wood.



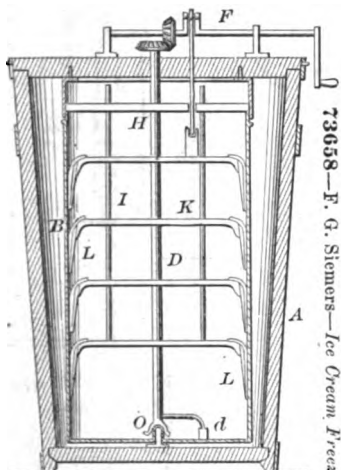
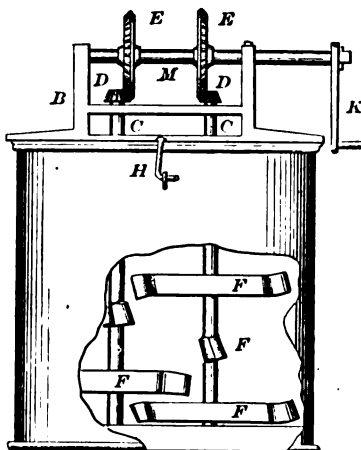


73648—A. J. Prescott—*Tool.*37649—W. Rayhill—*Corn Planter.*73651—W. A. Robinson—*Hames Fastener.*73654—P. H. & F. M. Roots—*Rotary Blower.*73655—A. Q. Ross—*Safety Pocket.*73650—E. Rhoades, Sr.—*Horse Hay Fork.*73653—S. & J. Roebuck—*Pulley and Block.*73652—S. J. Rockwood—*Candlestick and Holder.*73656—T. F. Rowland—*Sub Aqueous Tube.*

**73657—E. Shopbell—Lifting Jack**

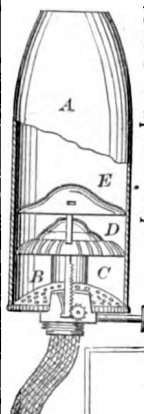
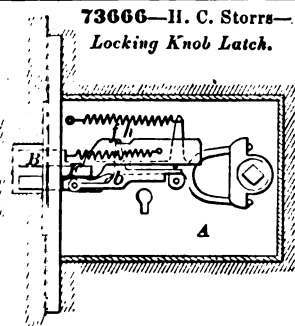


**73659—I. J. Siler—Churn.**



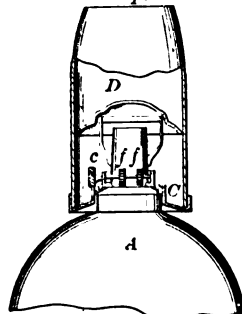
**73658—F. G. Siemens—Ice Cream Freezer.**

**73666—H. C. Storrs—Locking Knob Latch.**

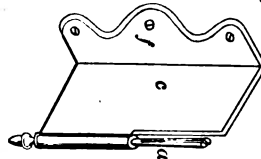


**73664—S. Spoon—Lamp.**

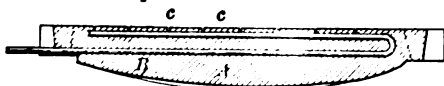
**73663—C. F. Spencer—Lamp.**



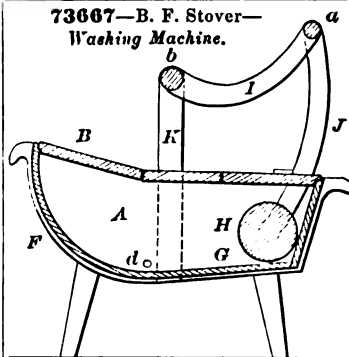
**73661—J. Sowle—Hinge.**



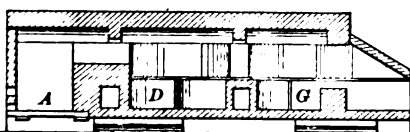
**73662—H. Speeler—Fire Grate.**

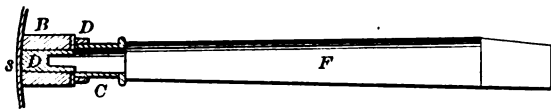
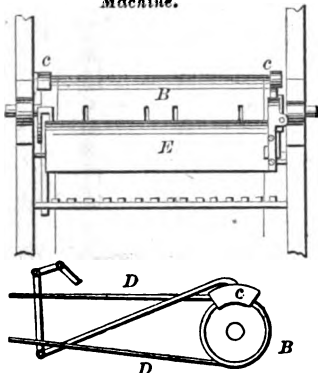
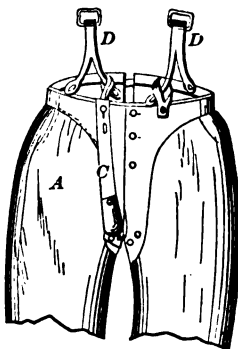
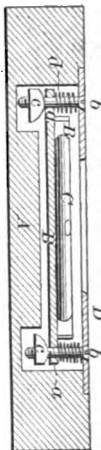
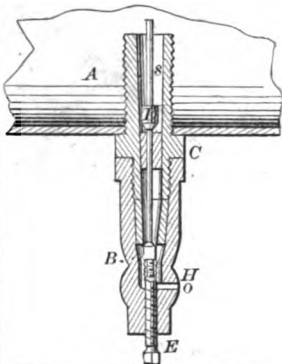
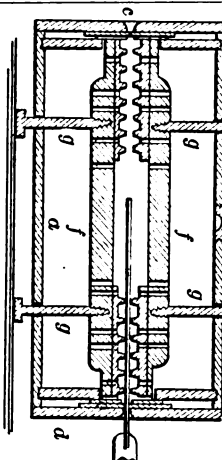
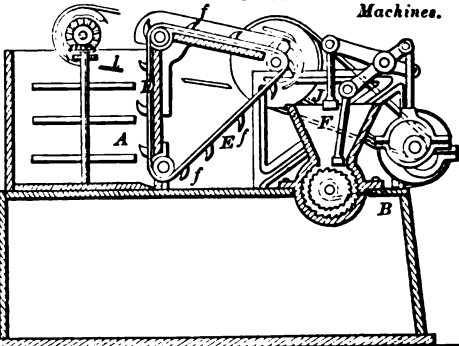
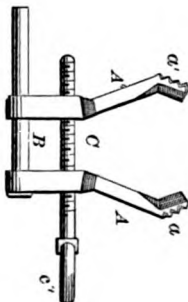


**73667—B. F. Stover—Washing Machine.**



**73665—W. Stevenson—Pudding Furnace.**



**73668—E. Swain—Wheel Tightener.****73669—J. F. Tapley—Ruling Machine.****73671—Z. Taylor—Drawers Truss.****73670—W. J. Tate—Adjustable Spirit Level.****73672—W. G. Thomas—Boiler Gauge Cock.****73674—T. R. Timby—Paper Cutter.****73673—J. F. Thompson—Knife Cleaner.****73676—H. Turner—Feeding Apparatus for Flocking Machines.****73675—J. Tipton—Hoof Expander.**

73677—G. Twigg—Corkscrew.

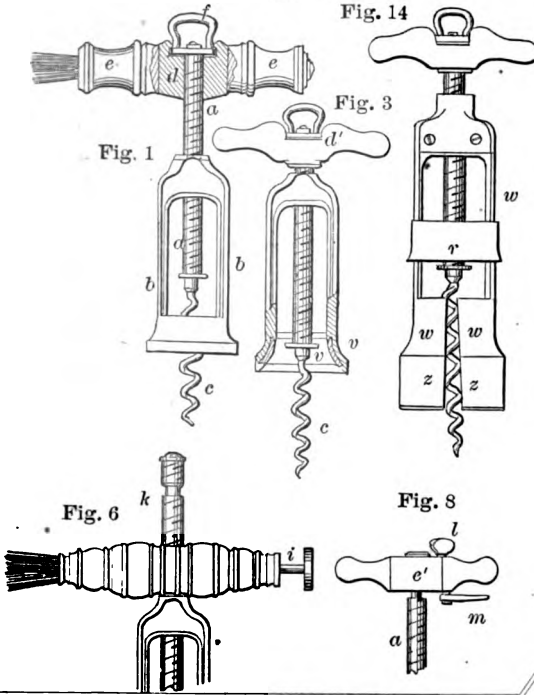


Fig. 14

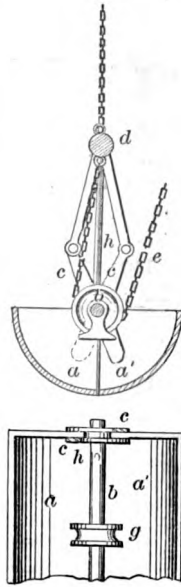
Fig. 3

Fig. 1

Fig. 6

Fig. 8

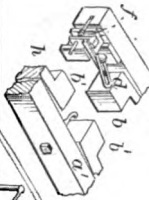
73678—T. & A. Walsh—Bucket for Dredging Machines.



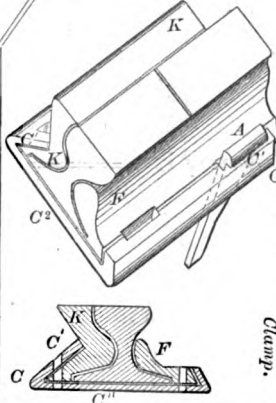
73680—E. Wattis, Jr.—  
Fastening Metallic Collars to  
Bottles.



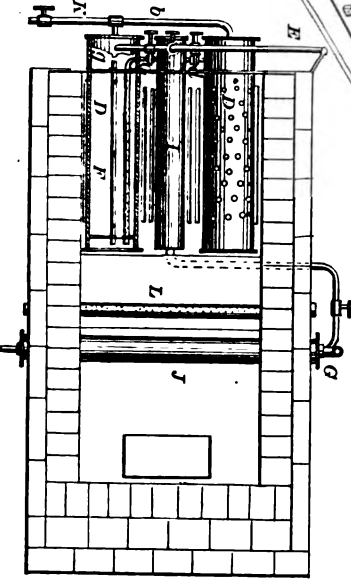
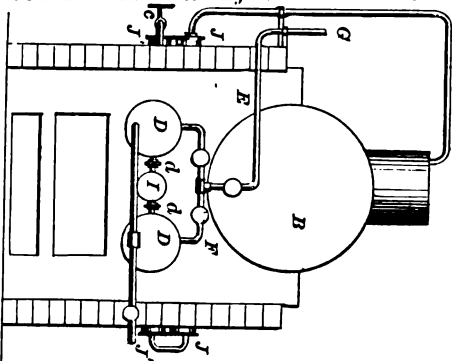
73681—W. Weller—  
Car Coupling.



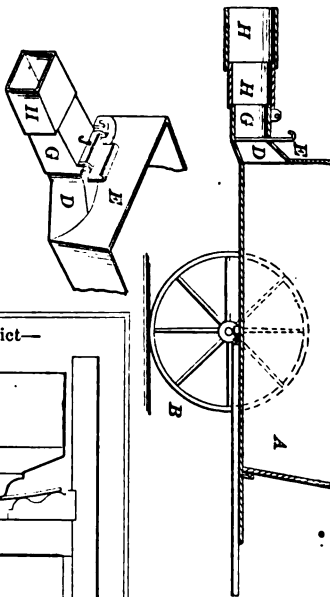
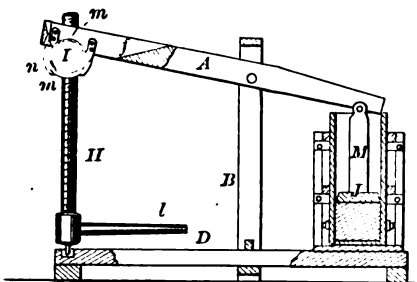
73679—J. E. Watkins—Railroad Rail  
Clamp.



73682—J. H. White—Hydro-Carbon Burner.

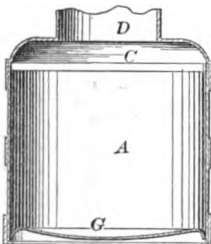


73683—P. Williams—Cotton Press.

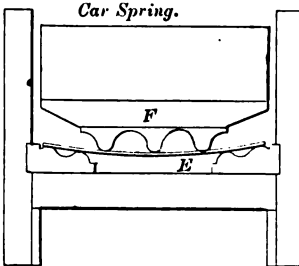


73684—J. H. Wood—Wagon for Unloading Coal.

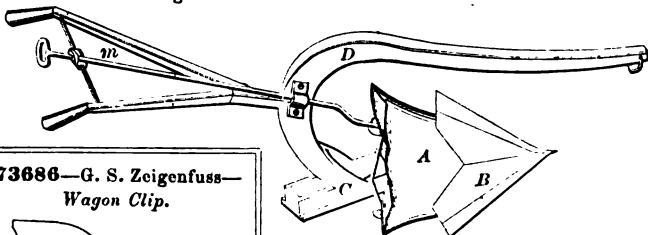
73687—E. Abbott—Milk Can.



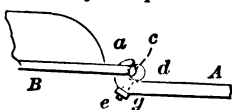
73690—E. U. Benedict—Car Spring.



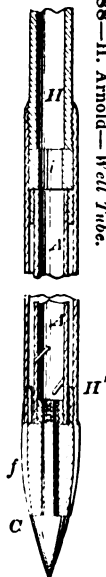
73685—A. Wright—Plow.



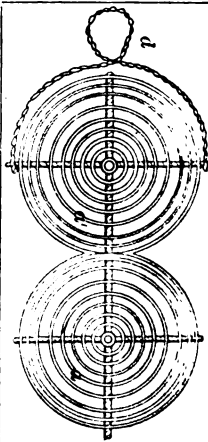
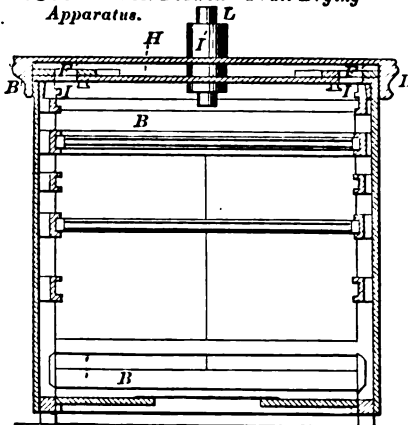
73686—G. S. Zeigenfuss—Wagon Clip.



73688—H. Arnold—Well Tube.

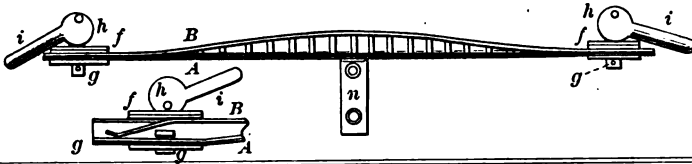


73691—D. K. Boswell—Fruit Drying Apparatus.

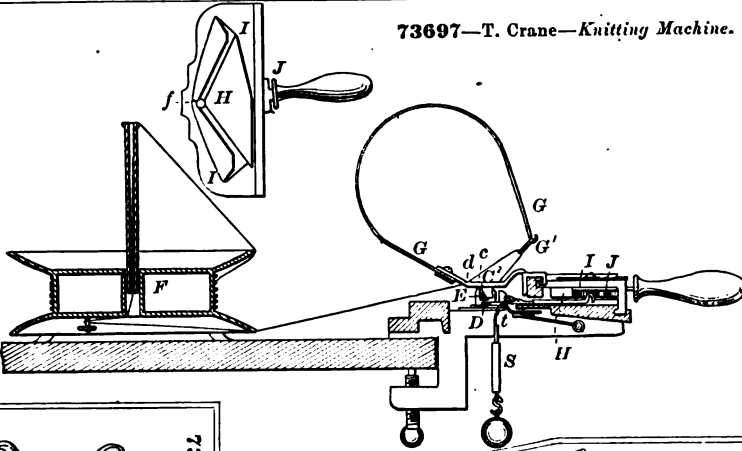


73692—F. Lucknam—Reversible Frying Rack.

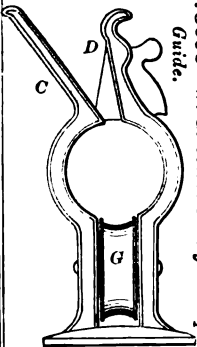
**73693—Cilley & Spaulding—For Moulding Paper Collars.**



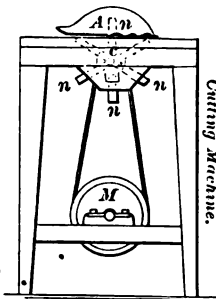
**73697—T. Crane—Knitting Machine.**



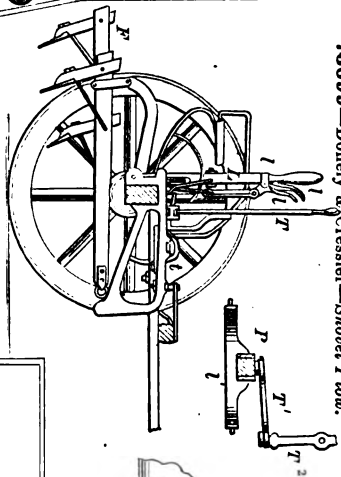
**73698—W. G. Creamer—Signal Rope Guide.**



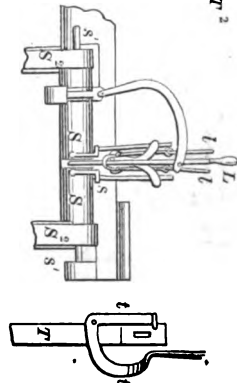
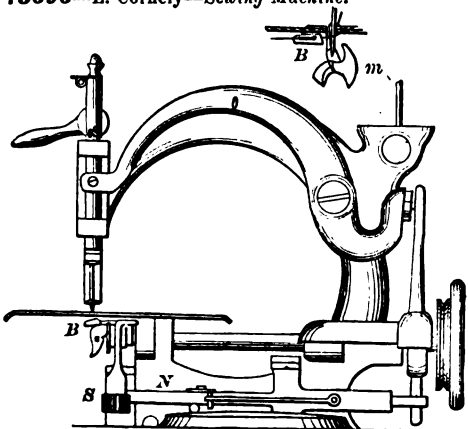
**73695—Collins & Nixon—Ray**  
*Cutting Machine.*

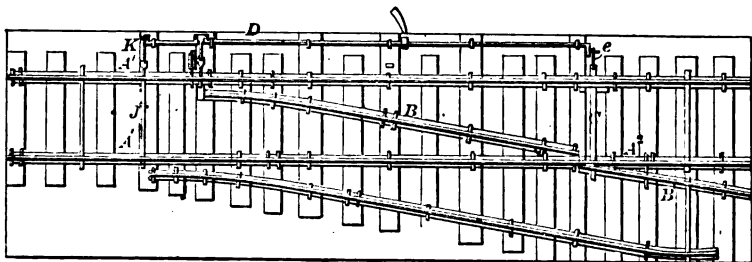
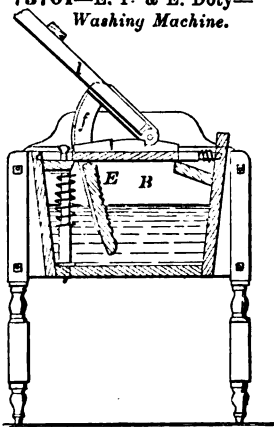
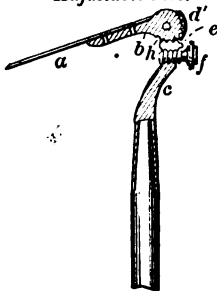
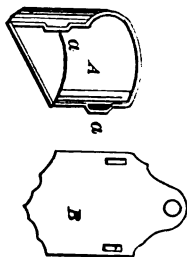
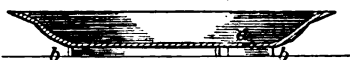
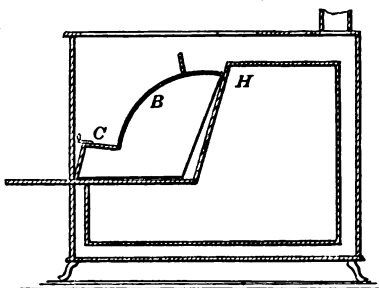
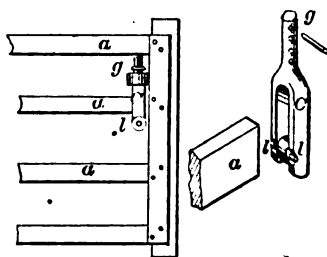
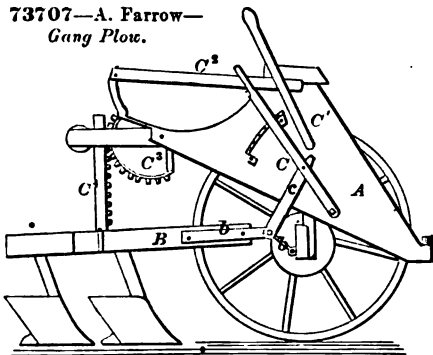
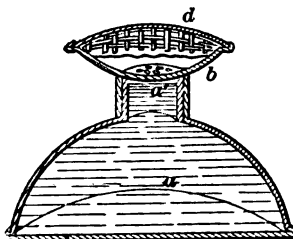


**73699—Donely & Cressler—Shovel Plow.**

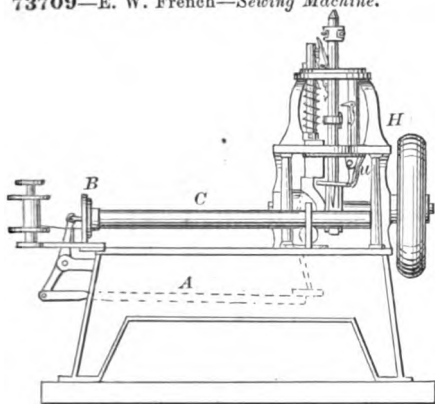


**73696**—E. Cornely—*Sewing Machine.*

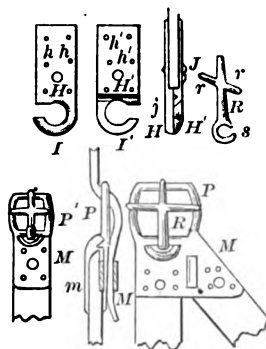


**73700—M. H. Dooly—Railway Switch.****73701—E. P. & E. Doty—Washing Machine.****73702—T. Drake—Adjustable Hoe.****73706—J. A. Everts—Match Safe.****73703—R. G. Elder—Baking Pan.****73705—L. Emmons—Cooking Stove Grate.****73704—C. H. Embree—Gate.****73707—A. Farrow—Gang Plow.****73708—J. M. Flagg—Stamp Moistener.**

73709—E. W. French—Sewing Machine.



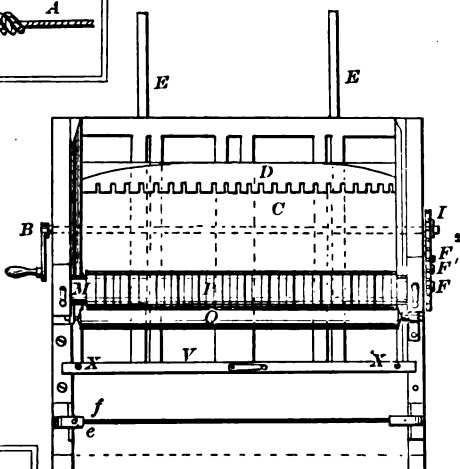
73711—Garrison & Stevens—Halter.



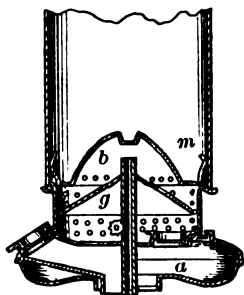
73713—T. Guyol—Metallic Cotton Bale Tie.



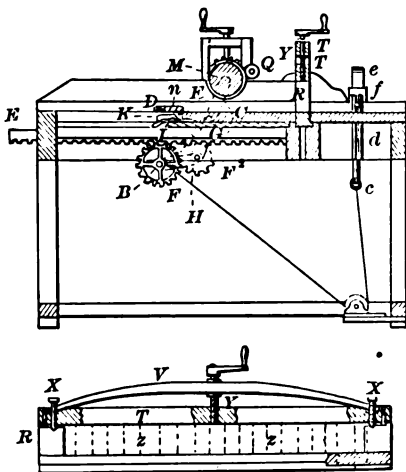
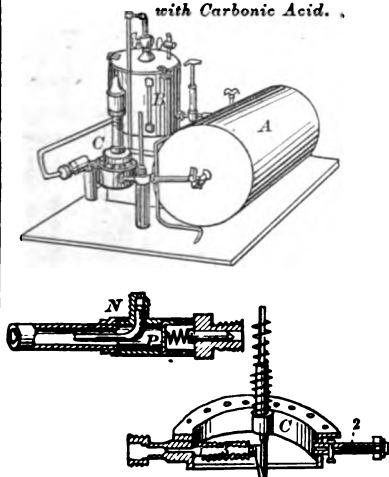
73714—J. Hadfield—For Cutting Soap.



73710—J. A. Frey—Lamp.

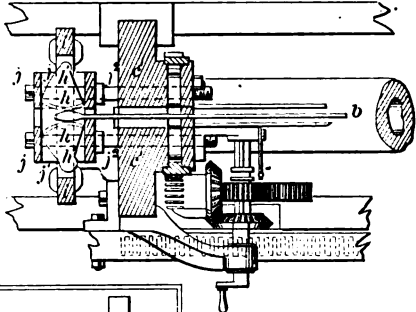


73712—R. Grant—For Charging Water with Carbonic Acid.

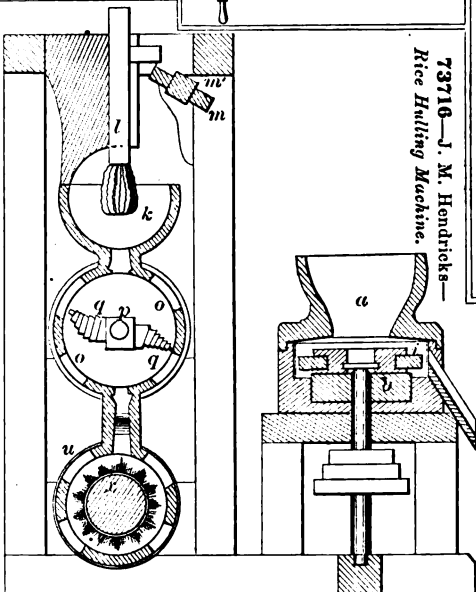




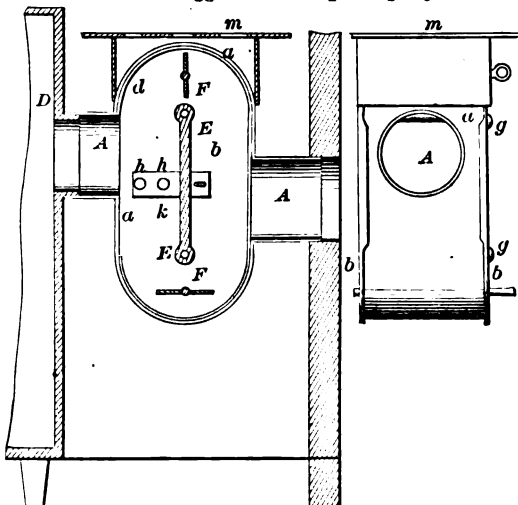
73715 G. P. Harding—For Drawing Tapered Tubes.



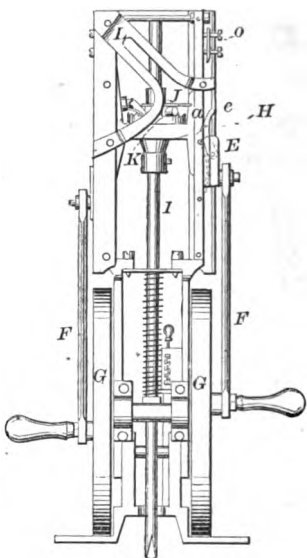
73716—J. M. Hendricks—Rice Hulling Machine.



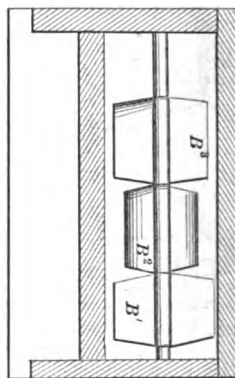
73718—O. M. Higgins—Stove Pipe Coupling.



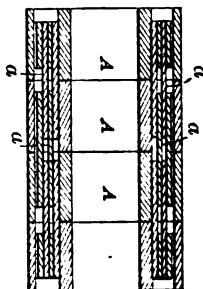
73717—C. W. Hermance—Stone Drilling Machine.

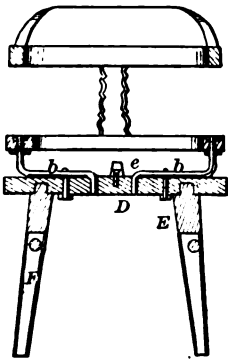


73719—A. Hitchcock—Producing a Vibrating Steel in Organs.

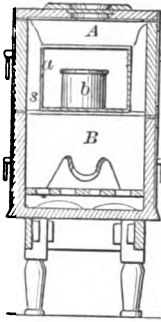


73720—M. V. B. Howe—Wood Bending Machine.

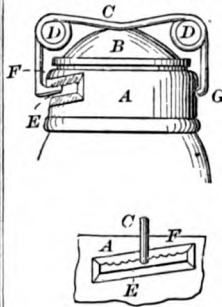




73721—M. V. B. Howe—Tilling Chair Seat.

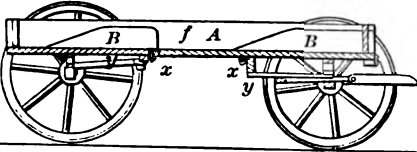


73722—C. H. Kimball—Corpse Preserving Crasket.

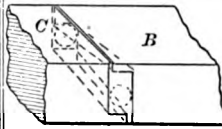
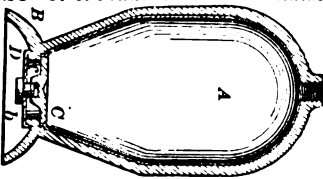


73724—W. L. Imlay—Closing Fruit Jars.

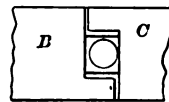
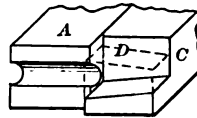
73725—A. A. Jennings—Dumping Cart.



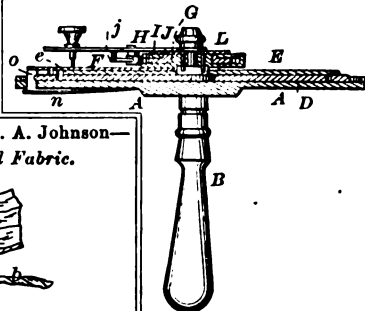
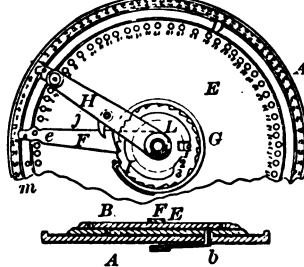
73726—J. C. Johnson—Soda Fountain.



73728—C. Kane—Die for Heading Bolts.



73732—Loomis & Johnson—Calculating Machine.



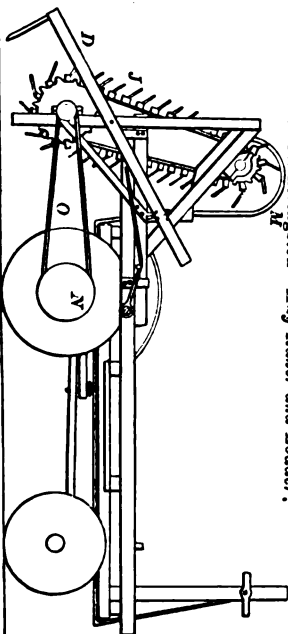
73727—M. A. Johnson—Felted Fabric.



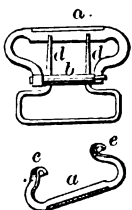
73723—S. T. Hutchins—Spoke Shave.



73731—S. M. Livingston—Hay Raker and Loader.



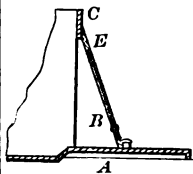
**73734—F. W. Maos—Buckle.**



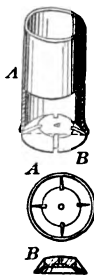
**73735—H. S. Magrane**  
*Button Fastening.*



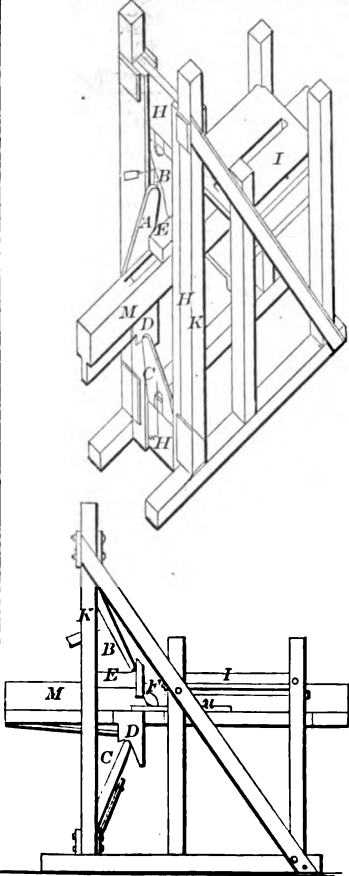
**73737—**  
W. L. McDowell—  
*Ash Pit Cover for  
Stoves.*




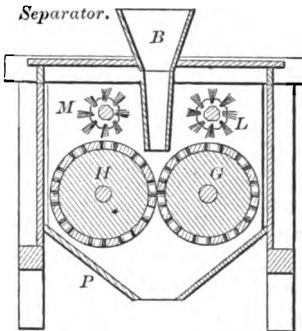
**73739—H. Meigs, Jr.—Priming Metallic Cartridges.**



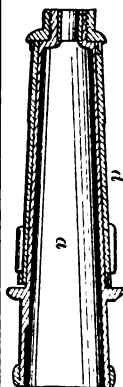
**73741**—G. Metcalf—*Brick Machine.*



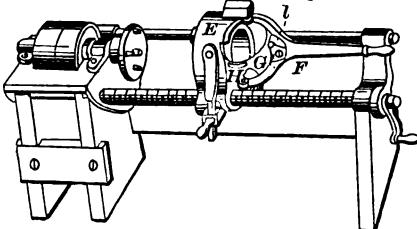
**73736—T. H. McCulloch—Grain Separator.** 



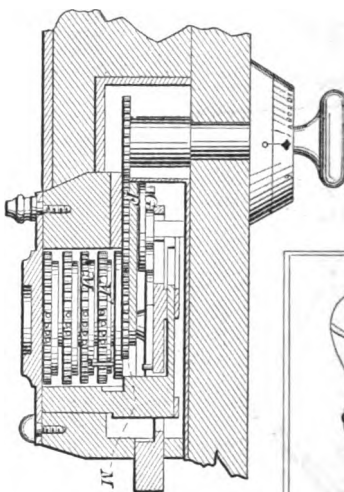
73738—R. M. McGrath—*Thimble Skein.*



**73740—H. Mellish—*For Making Wooden Bowls.***



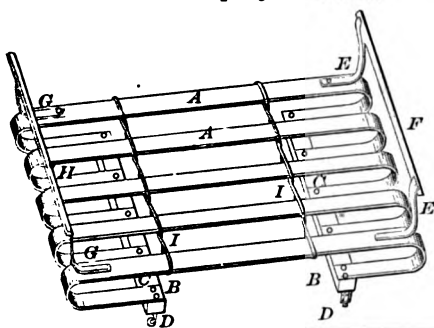
**73742—L. W. Miller—*Permutation Lock.***



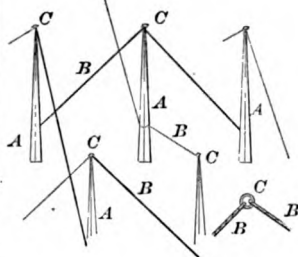
73743—M. II. Monroc—*Putalo Masher.*



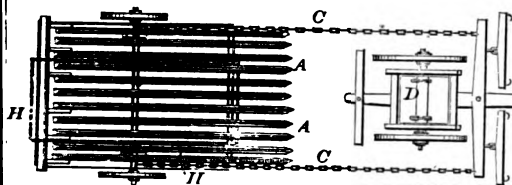
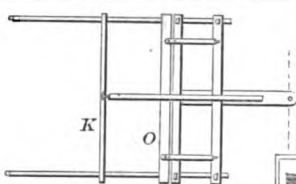
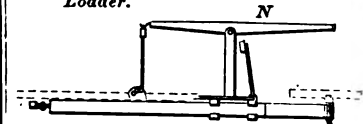
**73744—A. W. Newell—Spring Bed Bottom.**



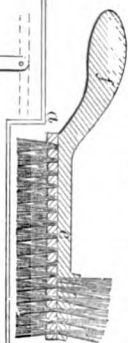
**73750—Olendorf & Parshall—Poling Hops.**



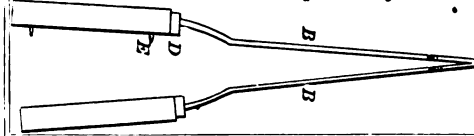
**73747—W. T. Nichols—Hay Raker and Loader.**



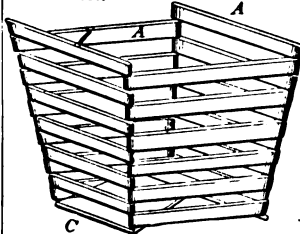
**73746—H. E. Newton—Blacking Brush.**



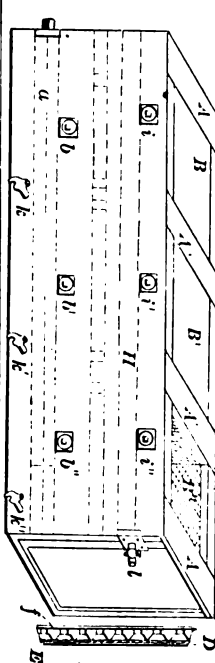
**73745—A. G. Newkirk—Lamp Chimney Cleaner.**



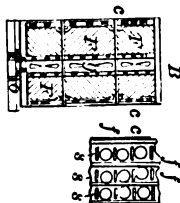
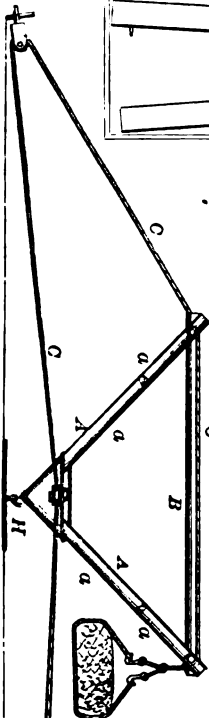
**73749—A. M. Olds—Folding Basket.**



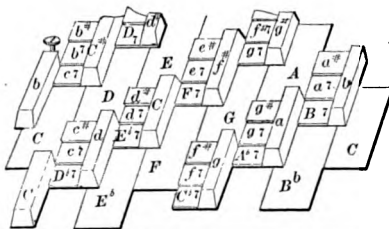
**73751—G. T. Palmer—Filter.**



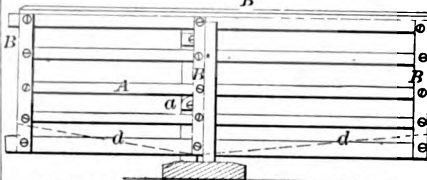
**73748—W. T. Nichols—Hay Stacker.**



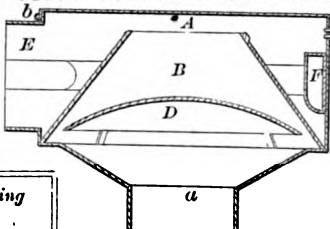
**73753—H. W. Poole—Organ Key Board.**



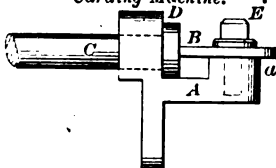
**73761**—A. Sheldon—*Fence*.  
*B'*



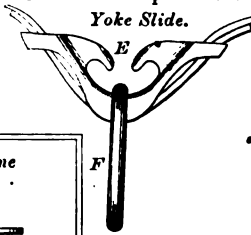
**73762**—A. F. Smith—*Stove Drum.*



**73760—J. C. Shaw—Condensing  
Carding Machine.**



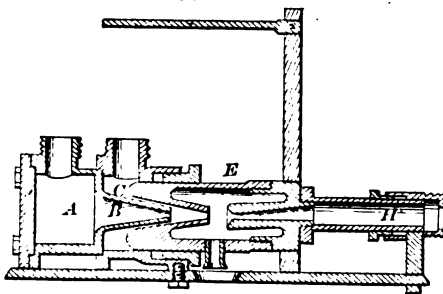
**73754—G. Purple—Neck**  
***Yoke Slide.***



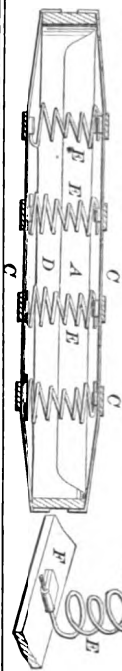
**73759—T. S. Scranton—Sewing Machine Gauge.**



**73757—S. Rue, Jr.—Injector for Steam Generators.**



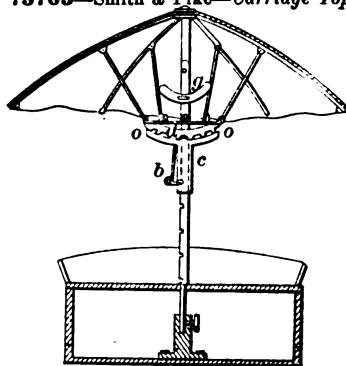
**73755-B. Rear-Spring Bed Bottom.**

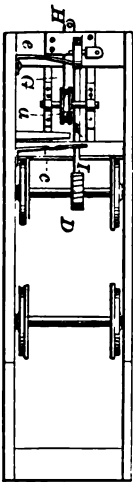


**73758—Russell & Joline—Anchor.**

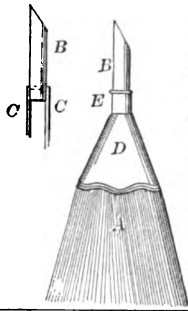


**73763—Smith & Pike—Carriage Top.**

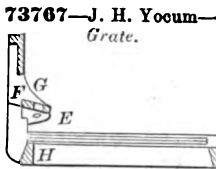




73764—J. Sieger—Car Starting Apparatus.

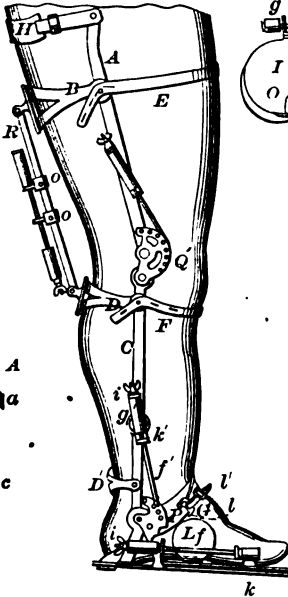
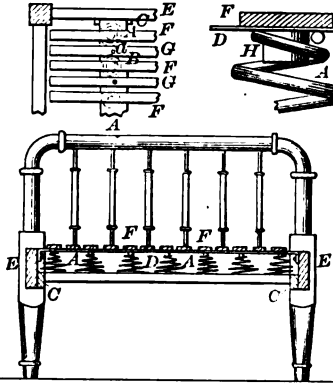


73769—N. E. Badgley—Broom.

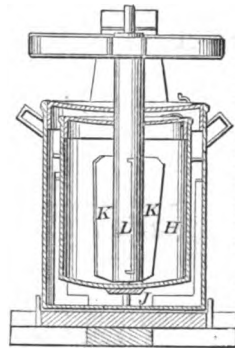


73767—J. H. Yocum—Grate.

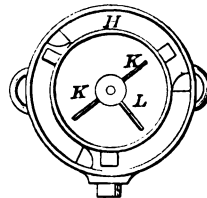
73770—A. M. Blake—Spring Bed Bottom.



73768—H. R. Allen—For Straightening Club Feet.

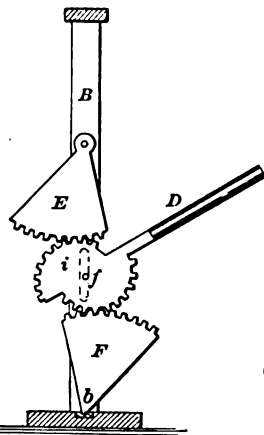
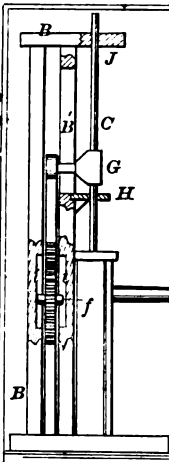
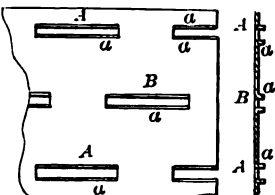


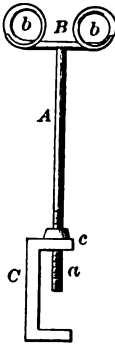
73766—G. C. Westover—Churn and Ice Cream Freezer.



73771—E. Barton—For Operating Pumps.

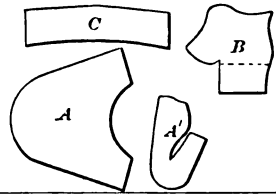
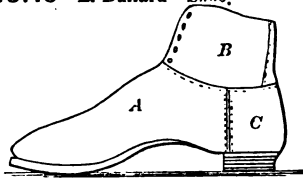
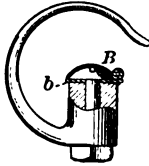
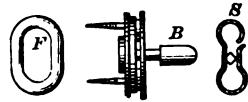
73765—J. F. Walter, Jr.—Metallic Lathing.



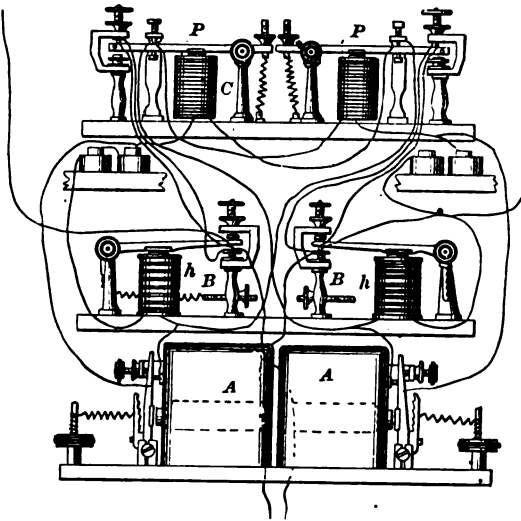
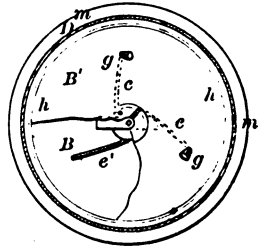
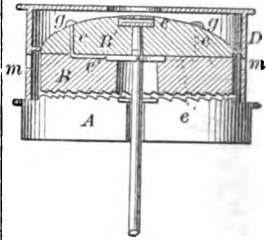


73772—C. A. &amp; W. Bradford—Rein Holder.

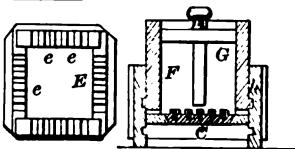
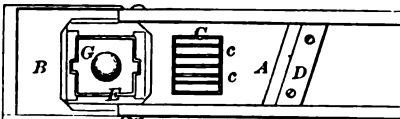
73773—L. Bullard—Shoe.

73777—J. S. Campbell—  
Check Rein Hook.73778—S. P. Campbell—Button for  
Carriage Holders.

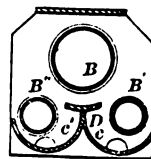
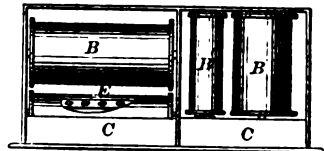
73774—J. H. Bunnell—Telegraph Repeater.

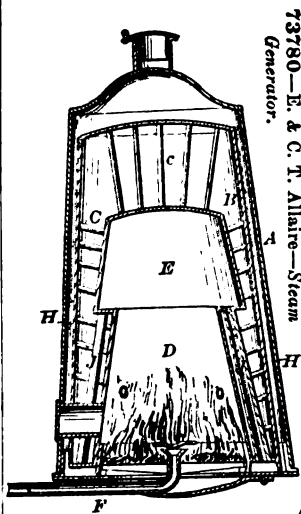
73776—J. Campbell—  
Ventilating Mill Stones.

73775—J. Caldwell—Vegetable Cutter.

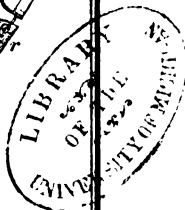
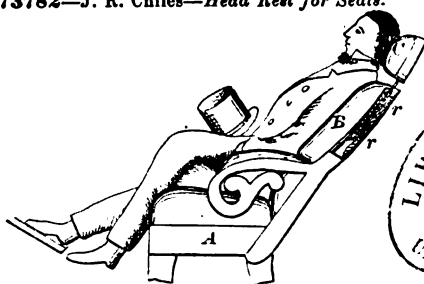


73779—B. F. Cauffman—Cane Mill.

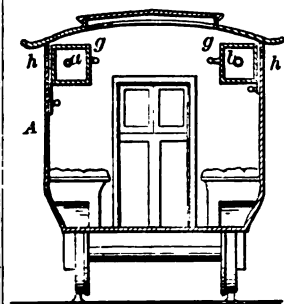
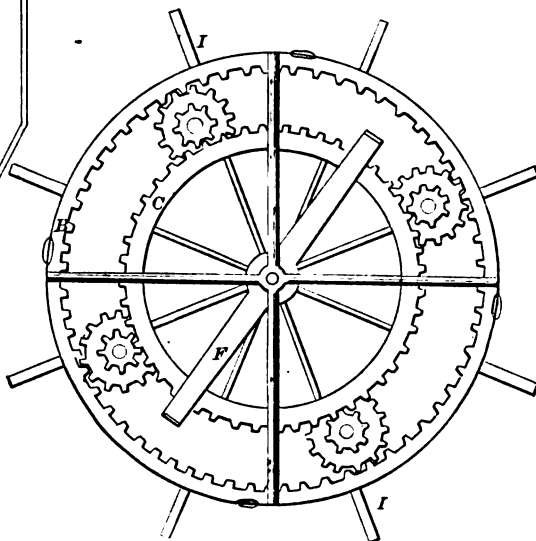




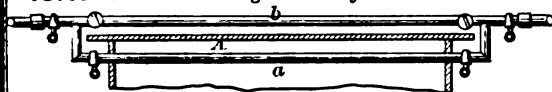
73782—J. R. Chiles—Head Rest for Seats.



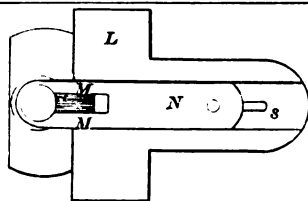
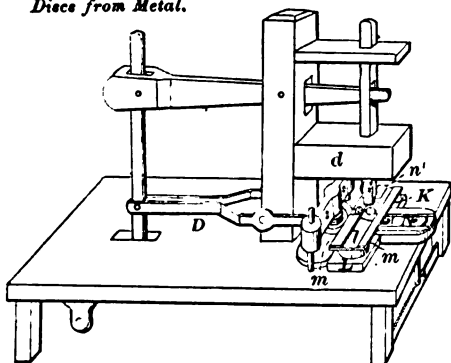
73783—R. Cromelien—Paddle Wheel.



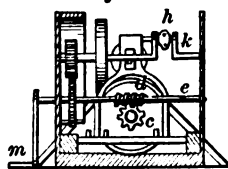
73781—R. A. Chesebrough—Heating Railroad Cars.



73784—C. Diedrichs—Punching and Raising Discs from Metal.

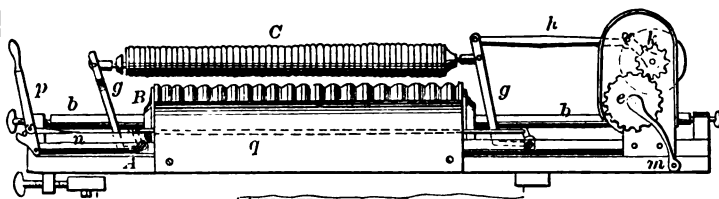


73785—W. Eberhard—Washing Machine.

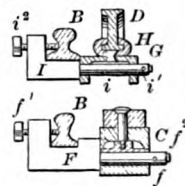
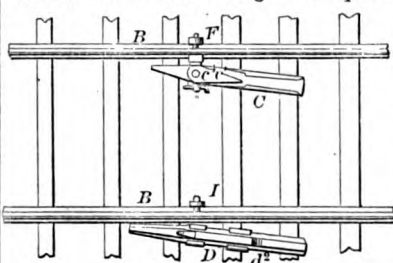
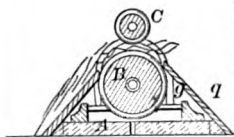




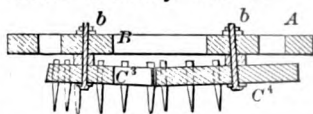
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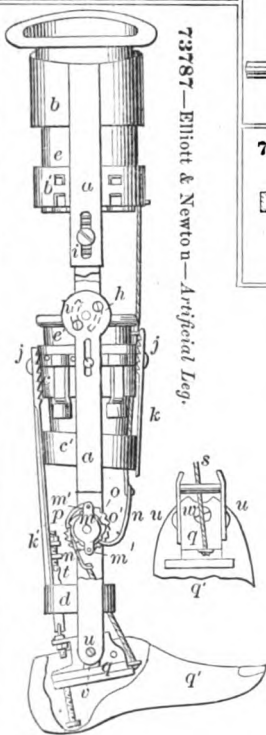
73789—Fisher &amp; Cumming—Car Replacer.



73792—E Forney—Harrow.



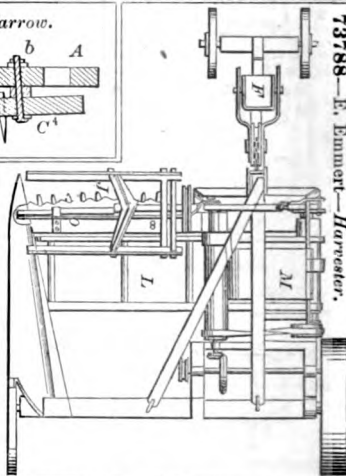
73787—Elliott &amp; Newton—Artificial Leg.



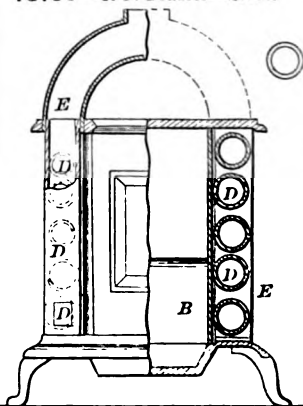
73791—A. C. Fletcher—Bale Fastener.



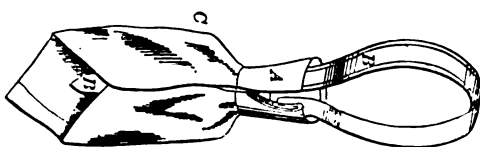
73788—E. Emmert—Harvester.



73793—T. J. Frazier—Store.



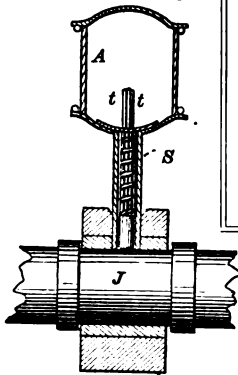
73790—Fisk &amp; Flagg—Neck Tie.



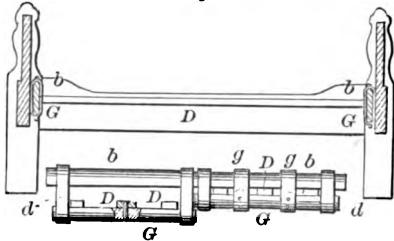
73794—G. W. Gail—Tobacco Bag.



73795—Gerdorn & Schindler—Oil Cup.



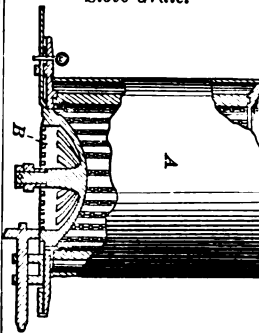
73799—F. C. Gridley—Bed Bottom.



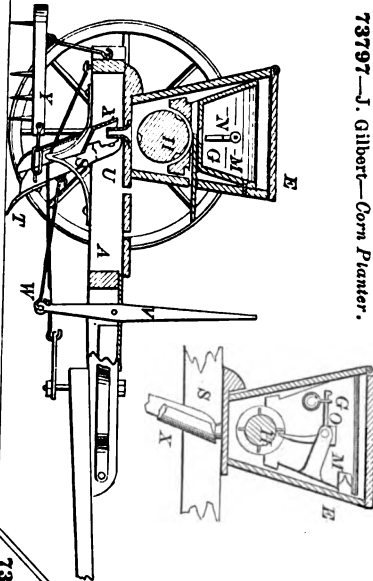
73798—J. Gleason—Soldering Iron.



73800—J. W. Griswold—Stove Grate.



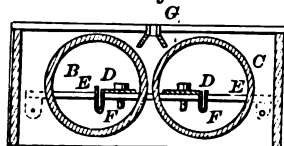
73797—J. Gilbert—Corn Planter.



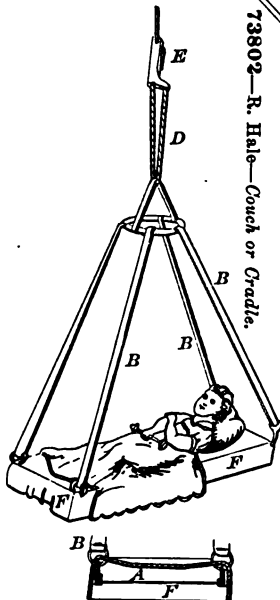
73796—E. F. Gilbert—Screen Attachment for Wash Stands.



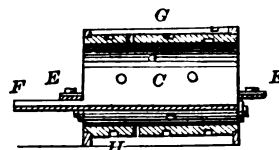
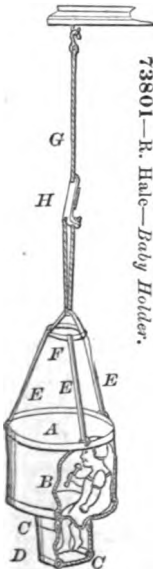
73803—Hancock & Leaman—For Cleaning Grain.

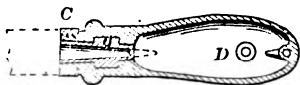
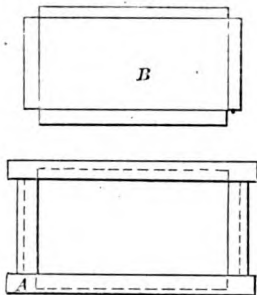
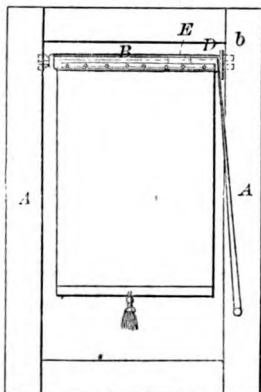
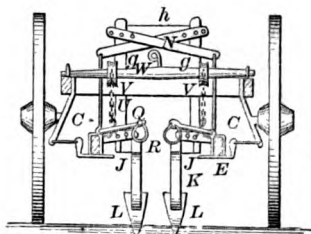
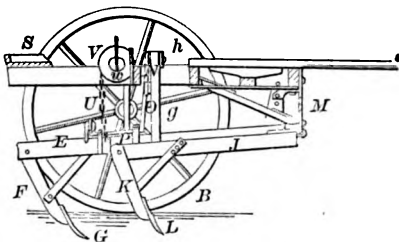
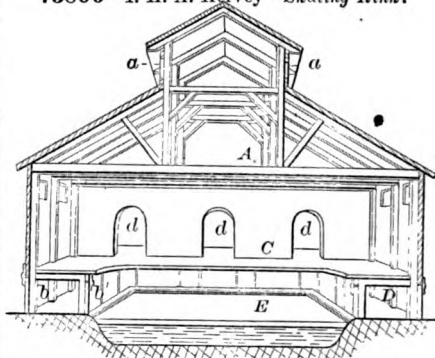
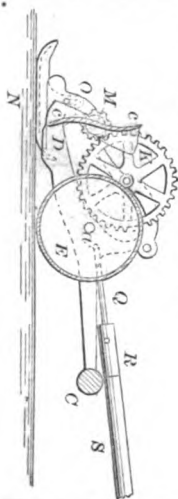
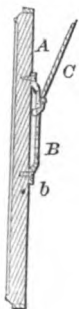
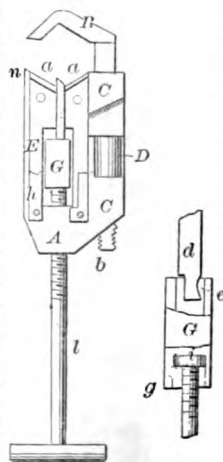


73802—R. Hale—Couch or Cradle.

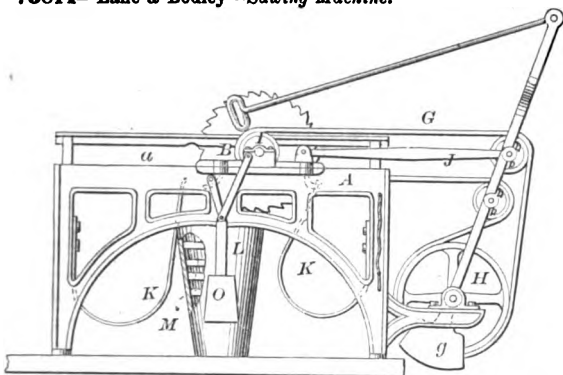


73801—R. Hale—Baby Holder.

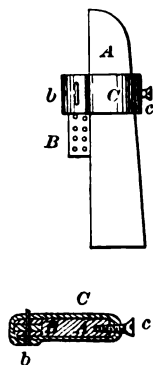


**73804—J. Hatton—Metallic Handle.****73810—J. L. Inskeep—Sugar Mould.****73811—C. R. Jenkins—Curtain Fixture.****73805—J. T. Herndon—Cultivator.****73806—I. H. A. Hervey—Skating Rink.****73807—A. M. Hills—Lawn Mower.****73808—L. L. Hodges—Picture Frame Supporter.****73809—S. G. Hoyt—Ice Pick.****73813—G. B. Kirk—Pipe and Bolt Cutter.**

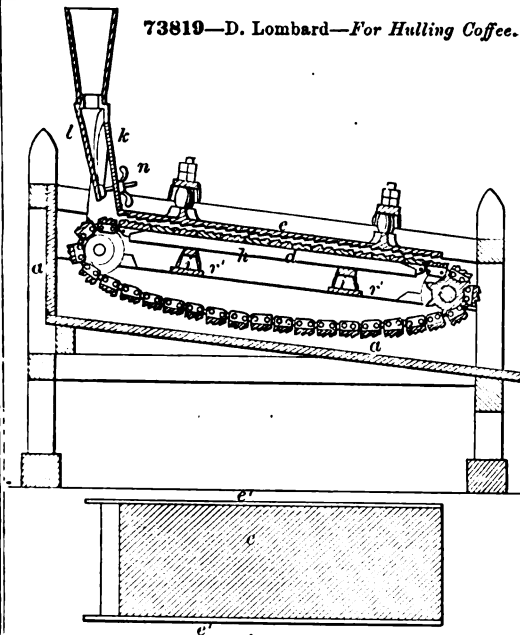
73814—Lane & Bodley—Sawing Machine.



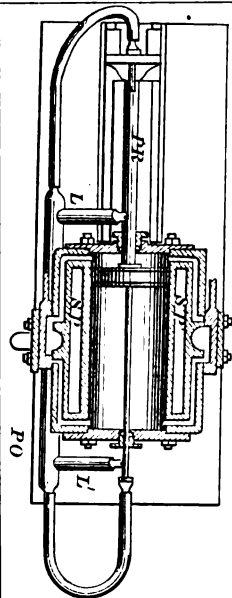
73818—R. Leach—Picker for Looms.



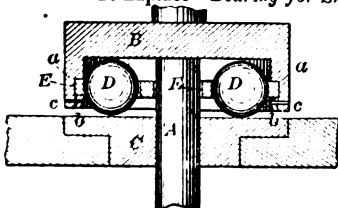
73819—D. Lombard—For Hulling Coffee.



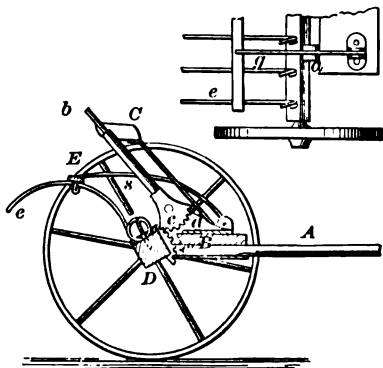
73816—W. H. Laubach—Gas Engine.



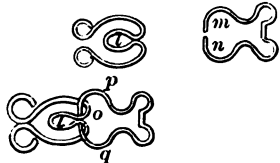
73815—J. F. Laplace—Bearing for Shafts.



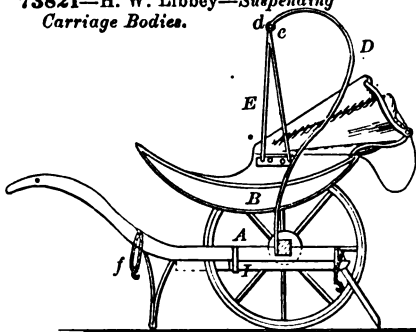
73820—C. O. Luce—Horse Rake.



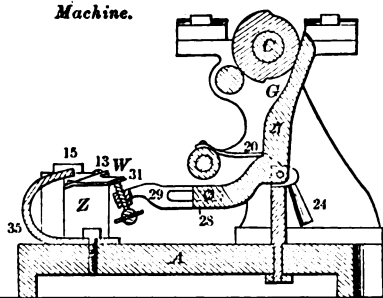
73817—W. Law—Hooks and Eyes.



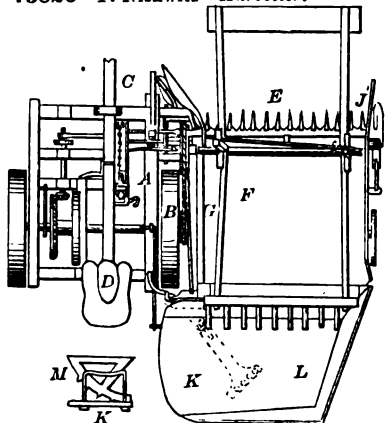
**73821—H. W. Libbey—Suspending Carriage Bodies.**



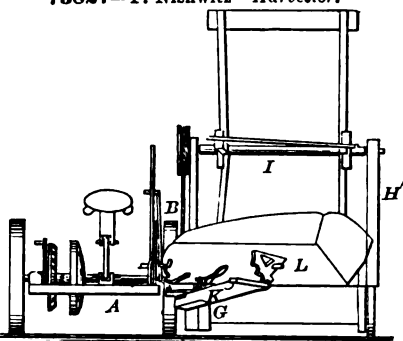
**73824—J. B. Mignault—File Cutting Machine.**



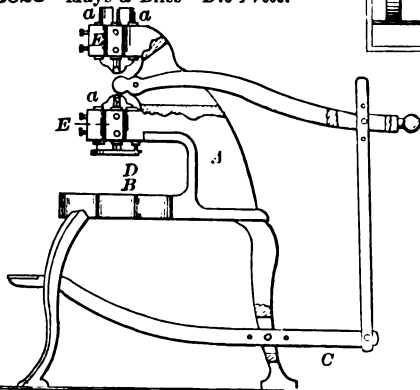
**73826—F. Nishwitz—Harvester.**



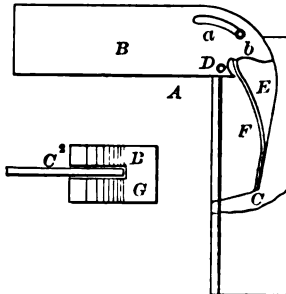
**73827—F. Nishwitz—Harvester.**



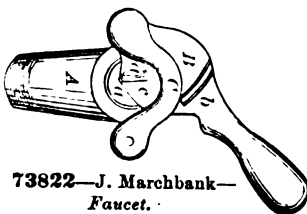
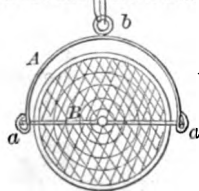
**73823—Mays & Bliss—Die Press.**



**73828—H. L. Ogden—Try Square.**

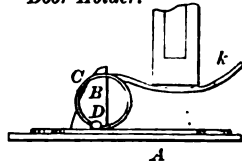


**73825—F. W. Myrick—Thread and Yarn Holder.**

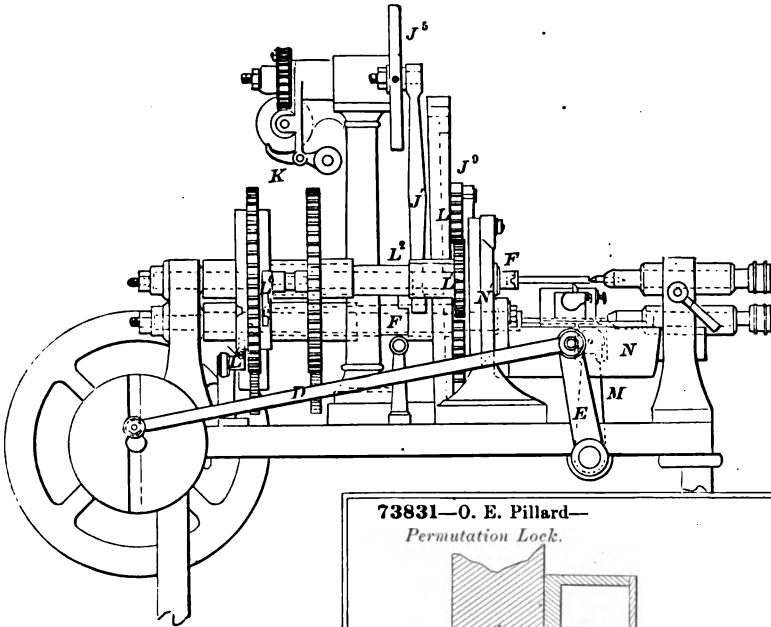


**73822—J. Marchbank—Faucet.**

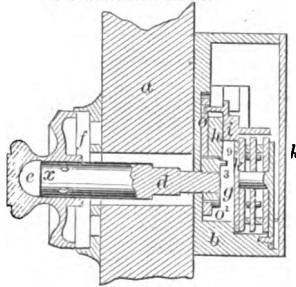
**73829—J. B. Okey—Spring Door Holder.**



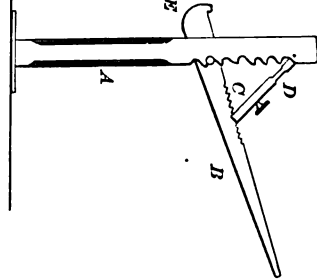
**73830**—W. Payton—*Turning Lathe.*



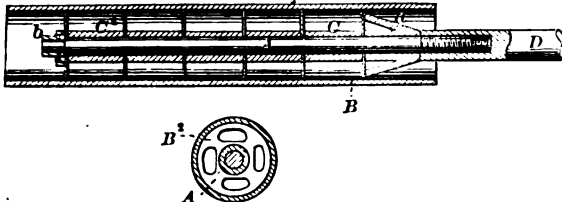
**73831**—O. E. Pillard—*Permutation Lock.*



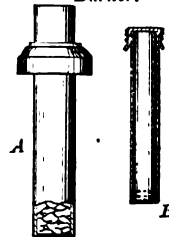
**73833**—L. B. Prindle—*Lifting Jack.*

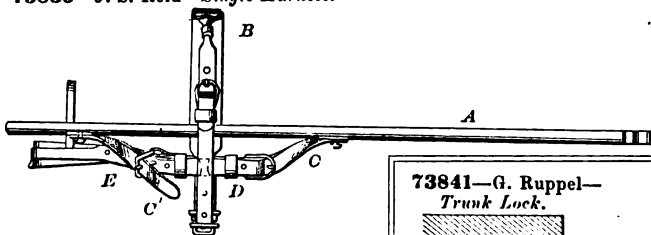
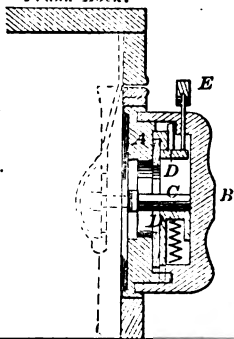
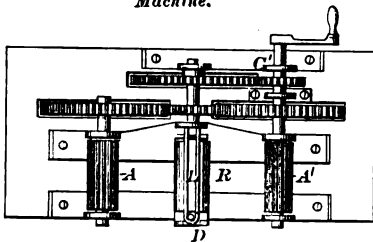
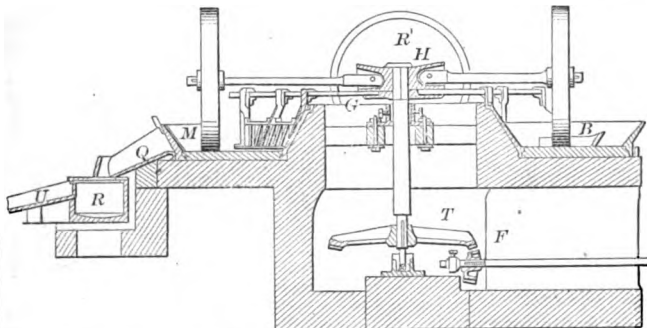
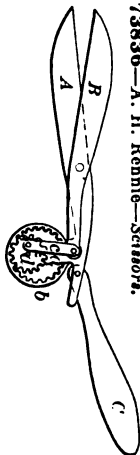
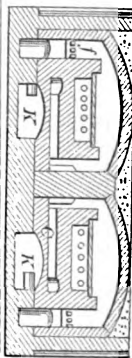
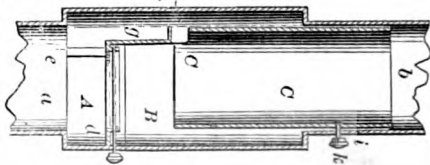
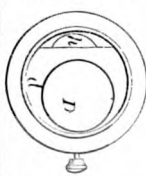
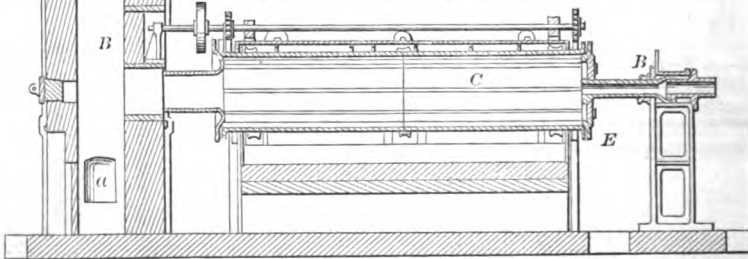


**73832**—A. Poiré—*Boiler Scraper.*

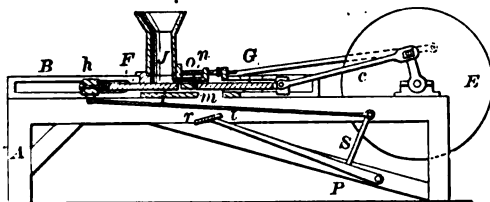


**73834**—S. C. Pruden—*Burner.*

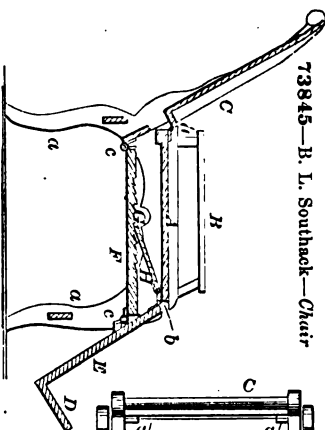


**73835—J. S. Reid—Single Harness.****73841—G. Ruppel—Trunk Lock.****73837—Richardson & Müller—Dending Machine.****73839—L. E. Rivot—For Amalgamating Gold and Silver Ores.****73836—A. H. Rennie—Scissors.****73838—L. E. Rivot—For Treating Ores.****73842—S. B. Sill—Heat Radiator.****73840—L. E. Rivot—For Treating Ores.**

73843—J. Simpson—Brick Machine.



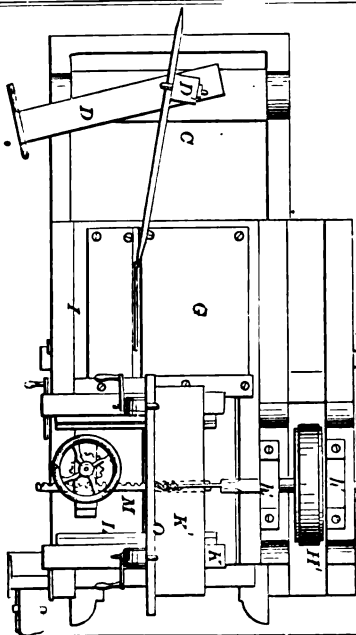
73845—B. L. Southack—Chair



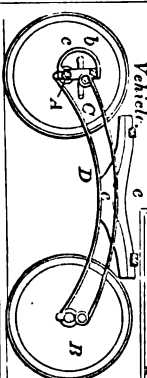
73848—Stevell & Kerper—Leather Belting.



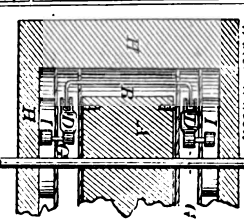
73844—J. A. Snyder—For Mortising Posts and Sharpening Rails.



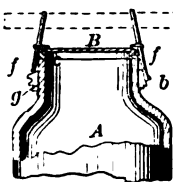
73849—G. Stricker—Vehicle



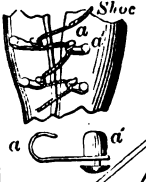
73850—J. M. Tanner—Water Wheel.



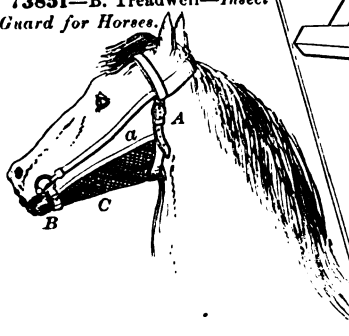
73846—C. F. Spencer—Fruit Jar



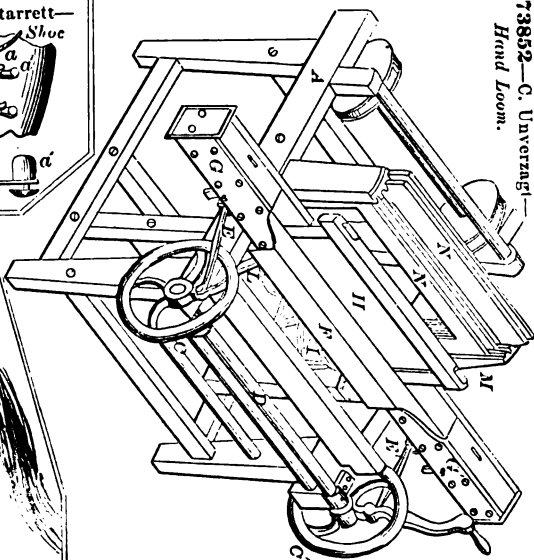
73847—L. S. Starrett—Shoe



73851—B. Treadwell—Insect Guard for Horses.

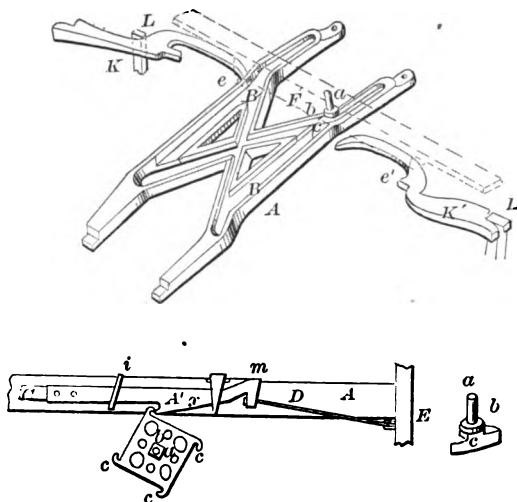
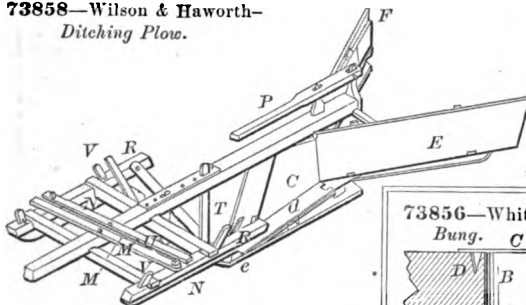
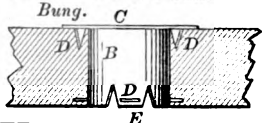


73852—C. Unveragel—Hand Loom.

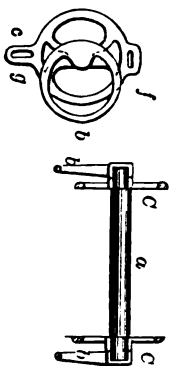




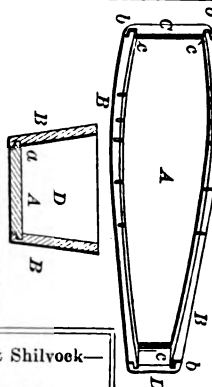
73852—Continued.

73858—Wilson & Haworth—  
Ditching Plow.73856—White & Shilcock—  
Bung.

73853—G. Webb—Bridle Bit.



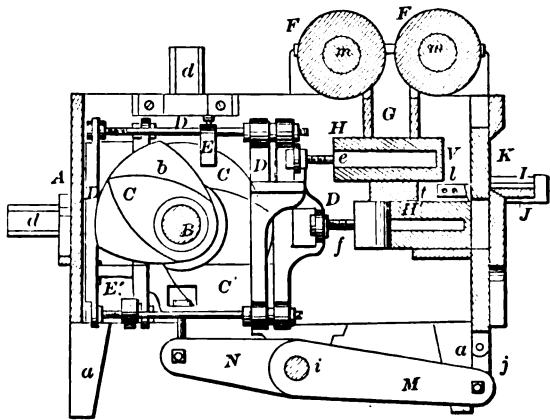
73857—J. C. Williams—Coffin.



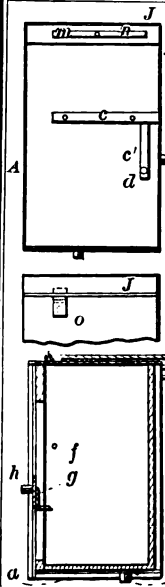
73854—Weirich &amp; Shartle—Tube Well.



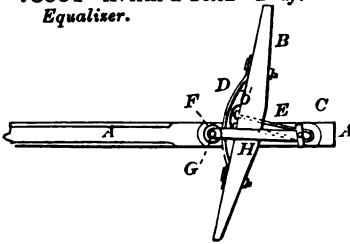
73863—E. F. Andrews—Brick Machine.



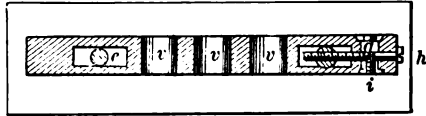
73855—J. H. Wheeler—Match Box.



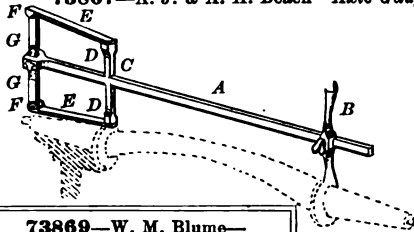
**73864—Averill & Fitch—Draft Equaliser.**



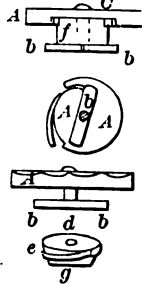
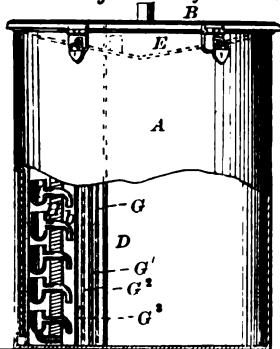
**73866—J. Bachelder—Carding Engine Guide.**



**73867—A. J. & A. H. Beach—Axle Gauge.**

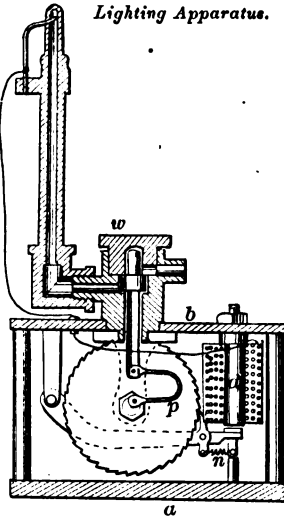


**73869—W. M. Blume—Measuring Receiver for Stills.**

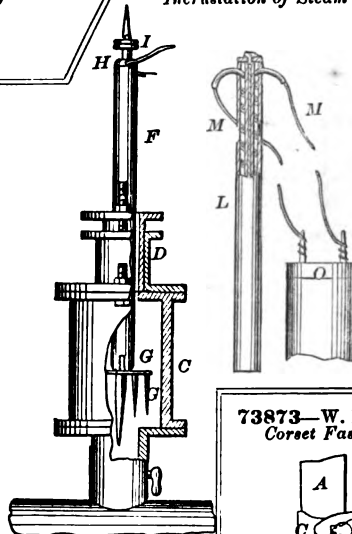


**73871—F. M. Dugdee—Button.**

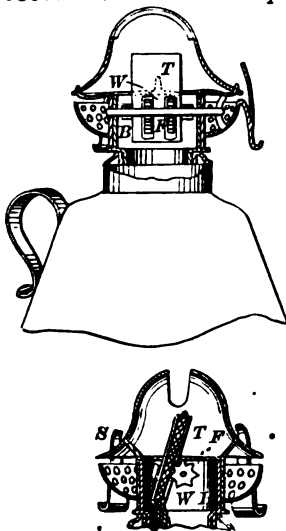
**73868—F. Bean—Electric Gas Lighting Apparatus.**



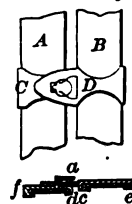
**73872—S. G. Cabell—Preventing Incrustation of Steam Boilers.**



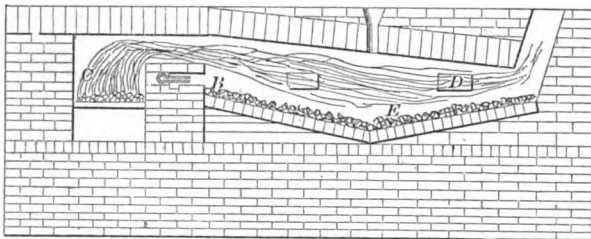
**73870—A. W. Browne—Lamp.**



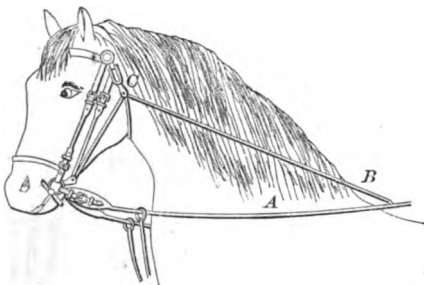
**73873—W. B. Cargill—Corset Fastening.**



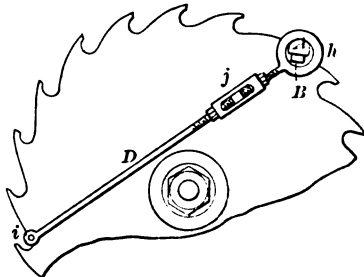
73874—C. B. Carpenter—Reducing Lead Ore.

73877—J. F. Cranston—  
Priming Metallic Cartridges.

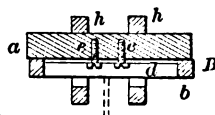
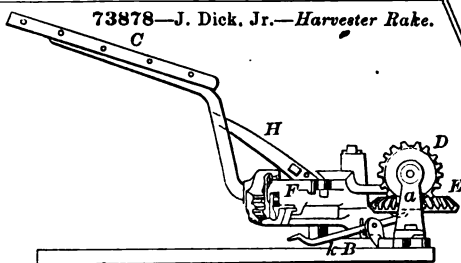
73875—W. Clark—Check and Harness Rein.



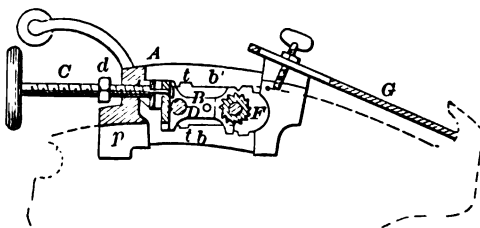
73879—H. Disston—For Setting Saws.



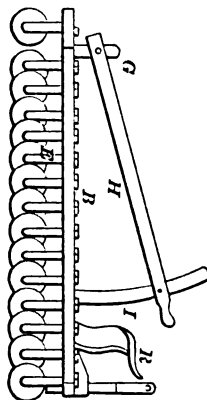
73878—J. Dick, Jr.—Harvester Rake.



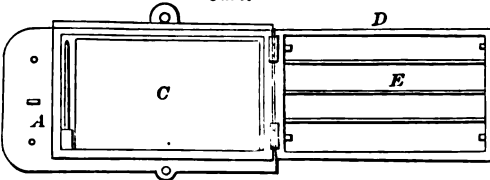
73880—T. S. Disston—Saw Gumming Machine.



73876—E. Crane—For Scarifying the Soil.



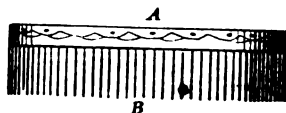
73881—S. W. Downey—Address Case for Railroad Cars.



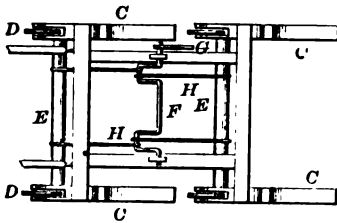
73883—E. Faber—Lead Pencil.



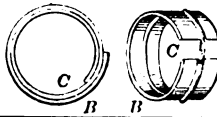
73884—C. Foster—Comb.



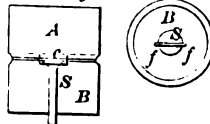
**73885**—D. C. Frazeur—*Sleigh and Sled.*



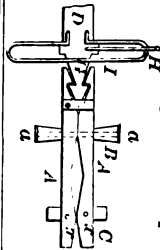
**73887**—N. W. Green—*Connecting Stove Pipes.*



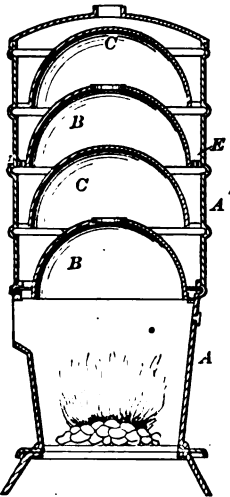
**73888**—H. Hammond—*Die for Forming Slots in Screws.*



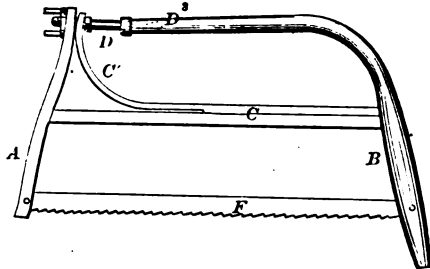
**73889**—D. Harger—*Car Coupling.*



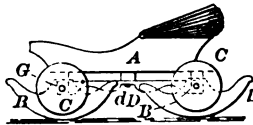
**73886**—J. C. Gaston—*Drum Attachment for Stoves.*



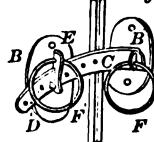
**73890**—J. Havens—*Wood Saw Frame.*



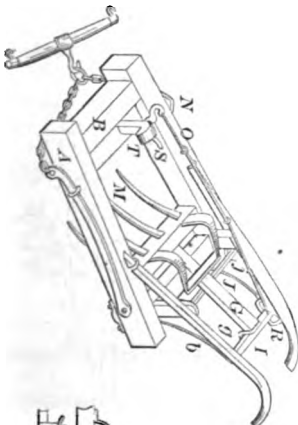
**73892**—L. & A. R. Hill—*Cradle.*



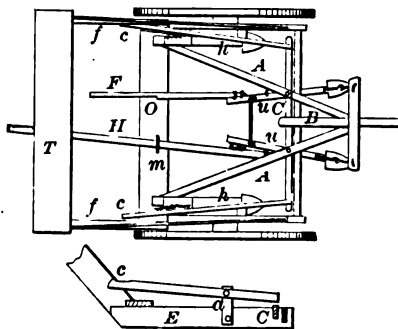
**73893**—G. G. Hickman—*Shutter Fastening.*



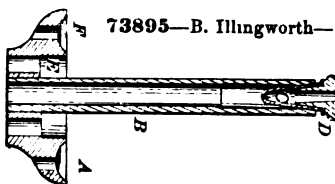
**73894**—U. Hammer—*Measure Dog.*

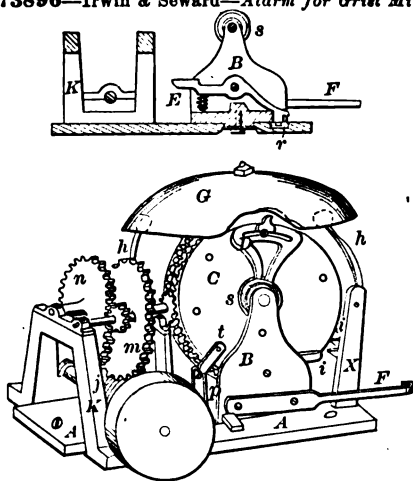
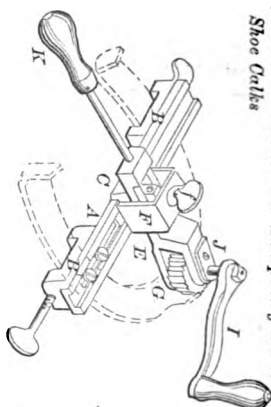
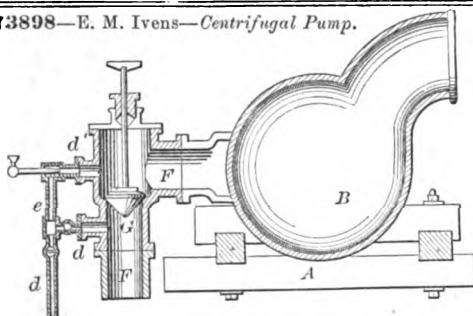
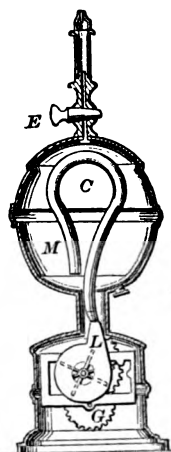
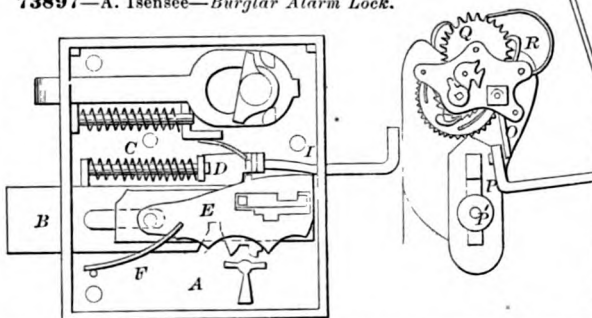
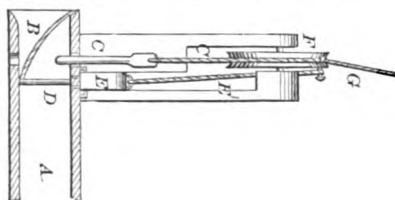
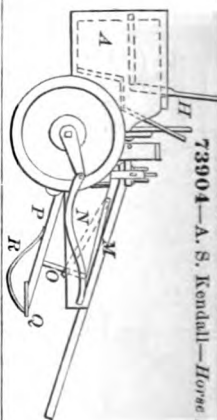


**73891**—C. Heft—*Cultivator.*

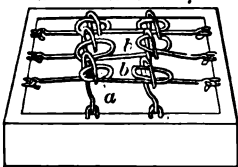


**73895**—B. Illingworth—*Churn.*



**73896**—Irwin & Seward—*Alarm for Grist Mills.***73901**—J. Johnson—*For Sharpening Horse Shoe Calks***73898**—E. M. Ivens—*Centrifugal Pump.***73900**—J. D. Jenkins—*Carburetted Air Lamp.***73897**—A. Isensee—*Burglar Alarm Lock.***73902**—J. B. Johnson—*Car Coupling.***73903**—P. Jones—*Clip and Ferrule for Joints and Felloes.***73904**—A. S. Kendall—*Horse Rake.*

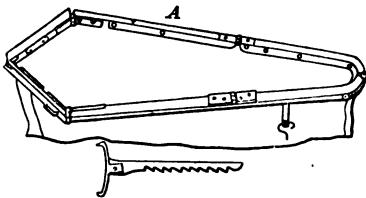
**73905**—A. H. Knapp—*Bed Bottom.*



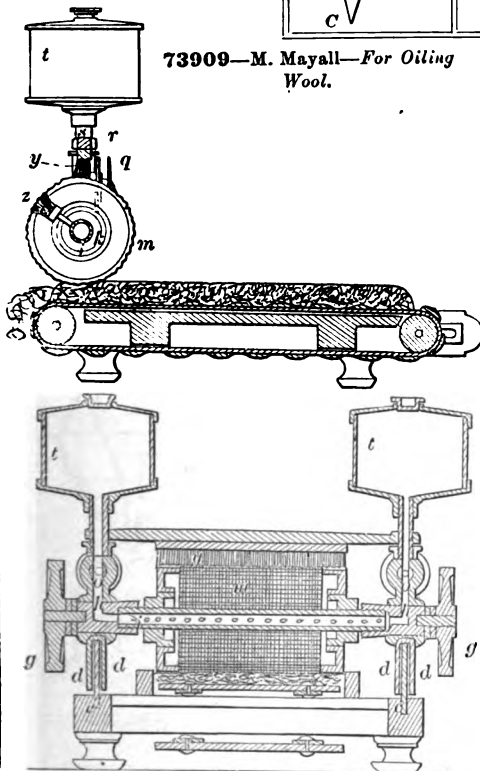
**73908**—W. W. Martin—*Spike.*



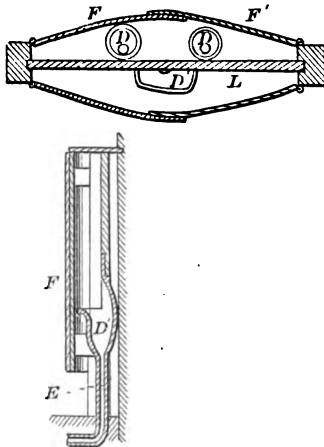
**73906**—E. J. Knowlton—*Bath Tub.*



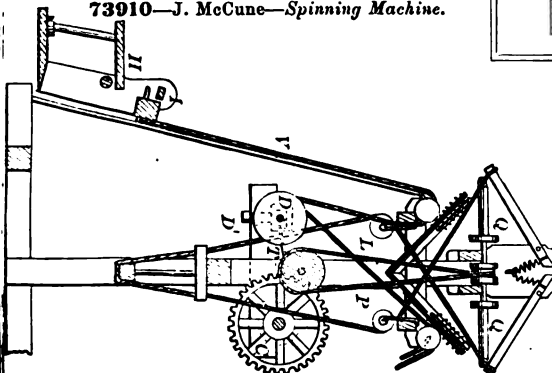
**73909**—M. Mayall—*For Oiling Wool.*



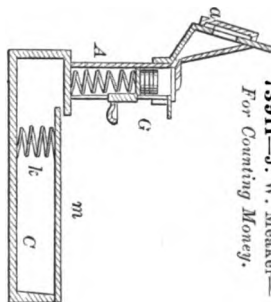
**73907**—S. Males—*Urinal.*



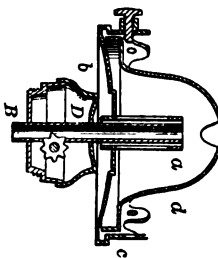
**73910**—J. McCune—*Spinning Machine.*

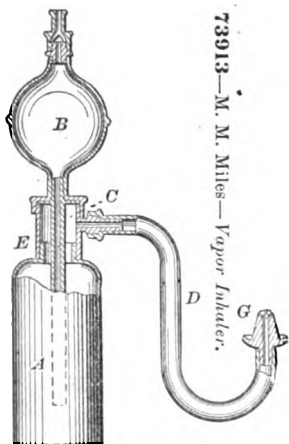


**73911**—J. W. Meaker—*For Counting Money.*

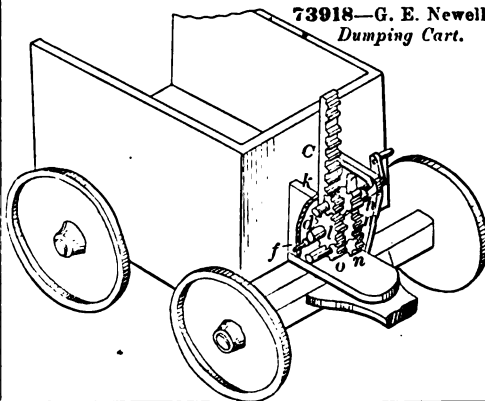
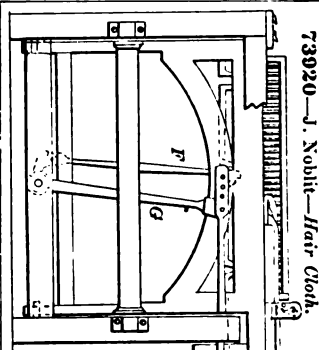


**73912**—Merrill & Carleton—*Lamp.*

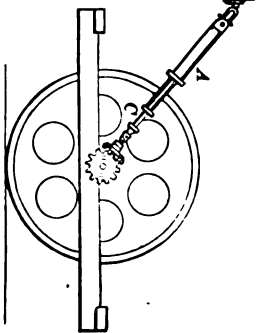
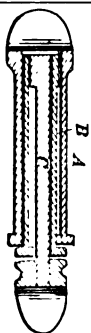




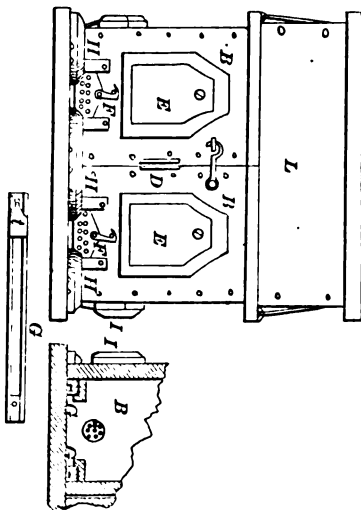
73913—M. M. Miles—Vapor Initiator.

73918—G. E. Newell—  
Dumping Cart.

73920—J. Noble—Hair Cloth.

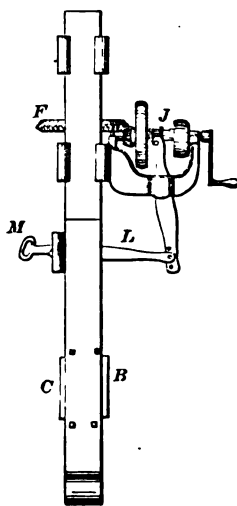
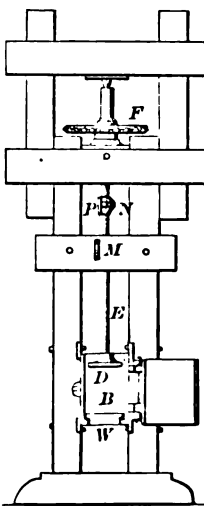


73914—C. Moul—Harvester.

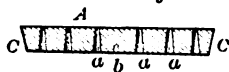


73915—J. Neal—Reel.

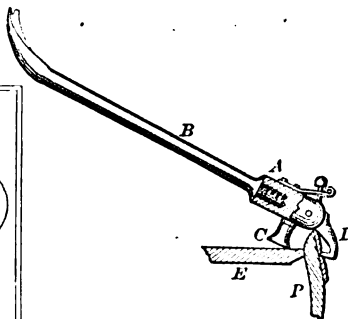
73921—L. P. Norton—For Cleaning Clay.



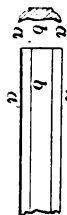
**73922—W. C. Philbrick—**  
*For Kindling Fires.*



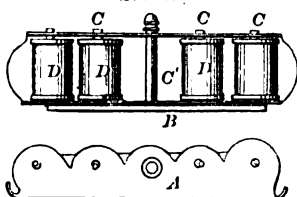
**73923**—T. J. Phillips—*For Opening Barrels.*



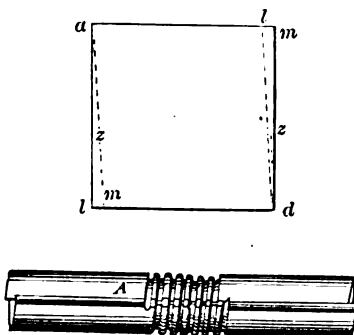
**73927—D. F. Randall—Metallic Band  
for Trimming Car Seats.**



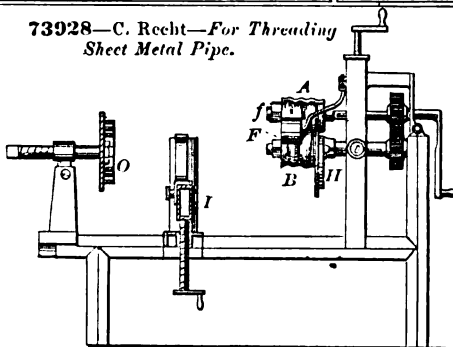
**73926**—G. A. Pridham—*Spool Stand.*



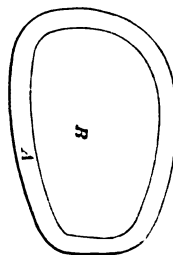
**73929—C. Recht—Sheet Metal Pipe.**



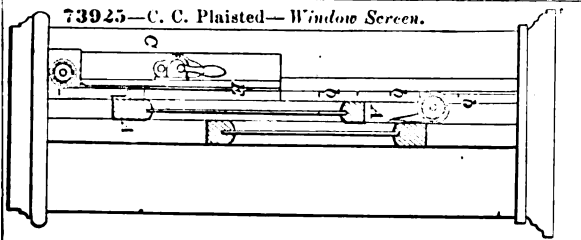
**73928—C. Recht—***For Threading Sheet Metal Pipe.*



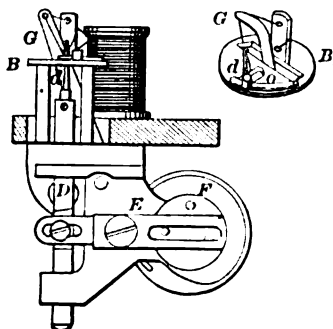
**73924—R. S. Pickett—**  
*India Rubber Sole.*



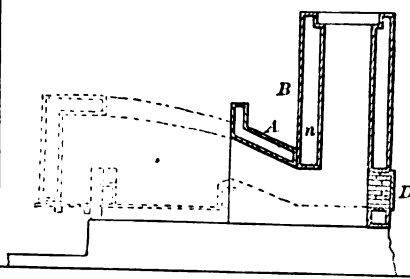
**73925—C. C. Plaisted—Window Screen.**



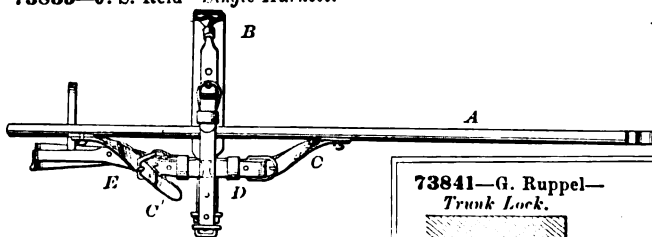
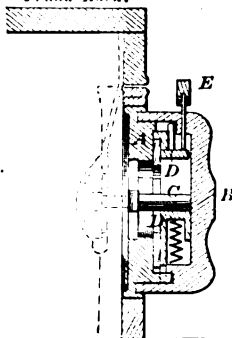
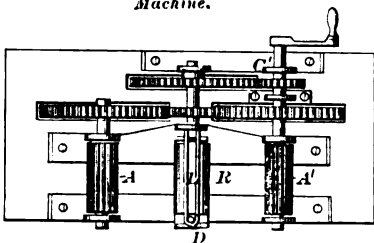
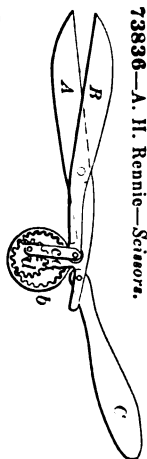
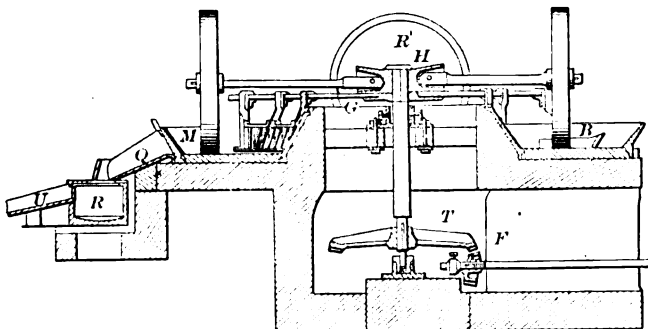
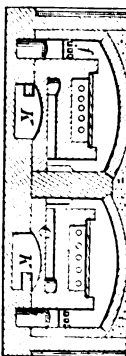
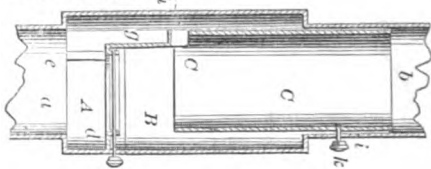
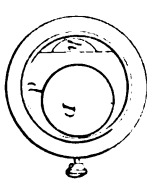
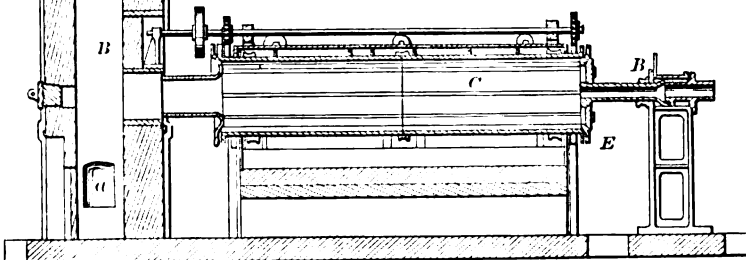
**73930—G. Reh fuss—*Braid Machine.***



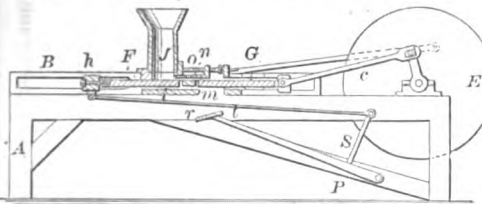
**73931—H. Ross—*Puddling Furnace.***



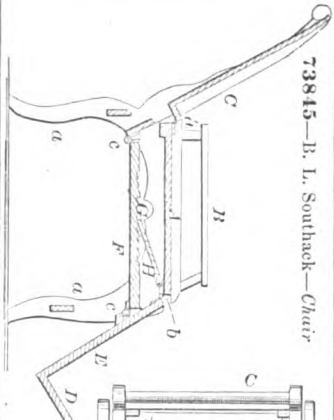


**73835—J. S. Reid—Single Harness.****73841—G. Ruppel—Trunk Lock.****73837—Richardson & Müller—Bending Machine.****73839—L. E. Rivot—For Amalgamating Gold and Silver Ores.****73836—A. H. Rennie—Scissors.****73838—L. E. Rivot—For Treating Ores.****73842—S. B. Sill—Heat Radiator.****73840—L. E. Rivot—For Treating Ores.**

73843—J. Simpson—Brick Machine.



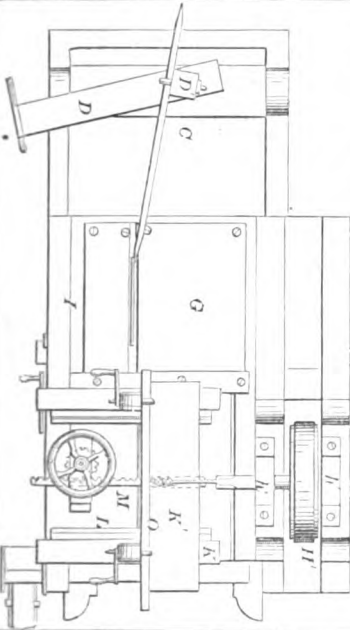
73845—B. L. Southack—Chair



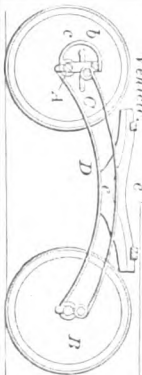
73848—  
Stevell & Kerper—  
Leather Belting.



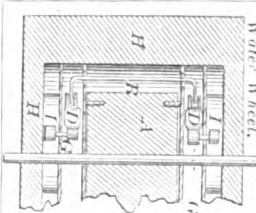
73844—J. A. Snyder—For Mortising Posts and Sharpening Rails.



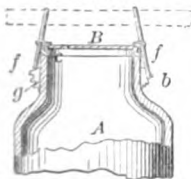
73849—G. Stricker—  
Vehicle



73850—J. M. Tanner—  
Water Wheel.



73846—C. F. Spencer—  
Fruit Jar



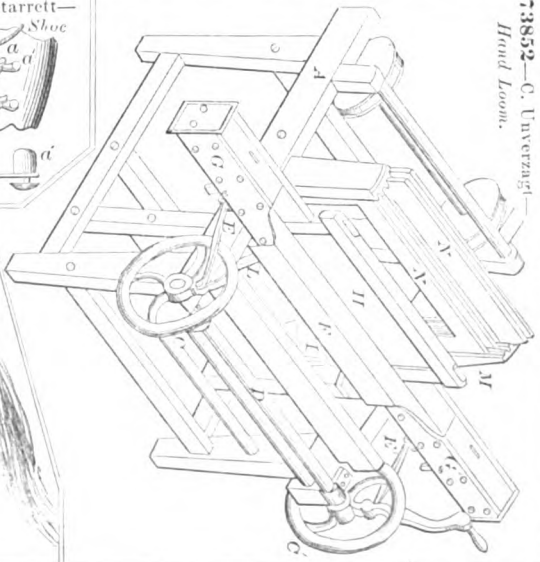
73847—  
L. S. Starrett—  
Shoe



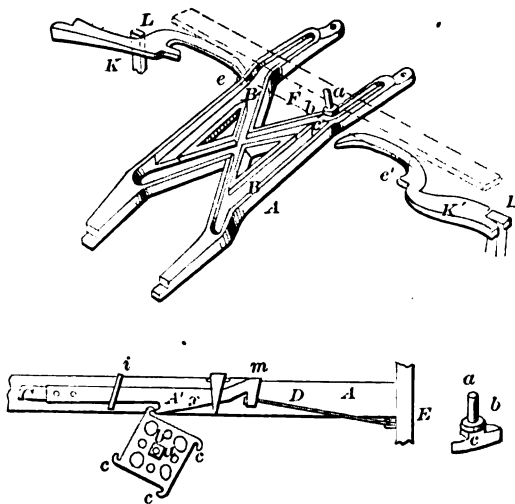
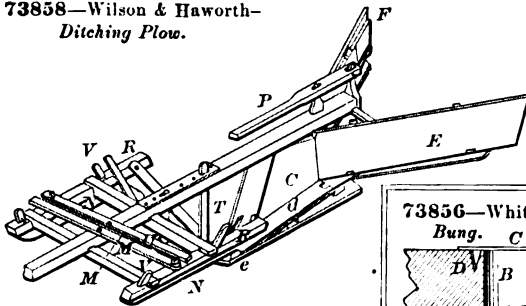
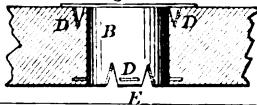
73851—B. Treadwell—Insect  
Guard for Horses.



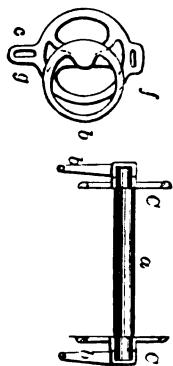
73852—C. Unverzagt—  
Hand Loom.



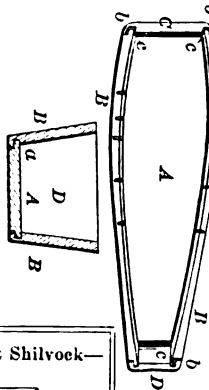
73852—Continued.

73858—Wilson & Haworth—  
Ditching Plow.73856—White & Shilvoek—  
Bung.

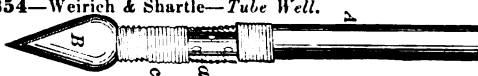
73853—G. Webb—Bridle Bit.



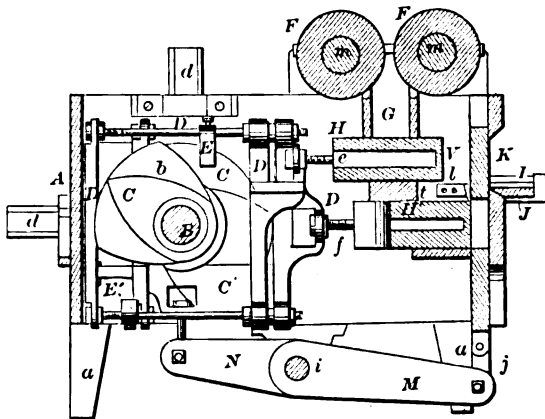
73857—J. C. Williams—Coffin.



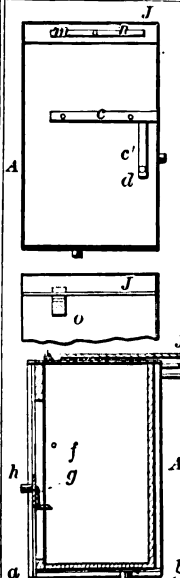
73854—Weirich &amp; Shartle—Tube Well.



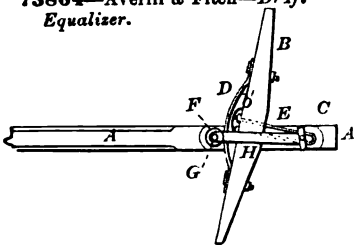
73863—E. F. Andrews—Brick Machine.



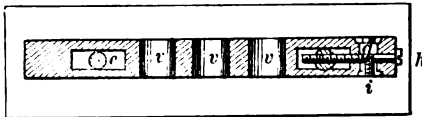
73855—J. H. Wheeler—Match Box.



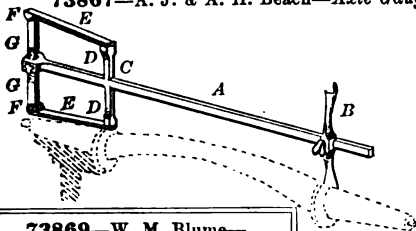
**73864—Averill & Fitch—Draft Equalizer.**



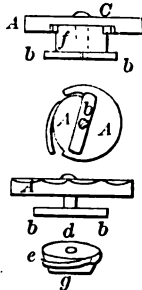
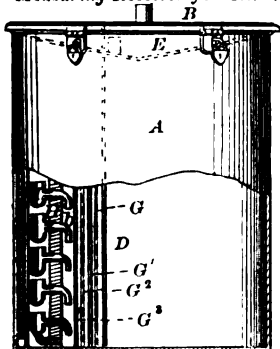
**73866—J. Bachelder—Carding Engine Guide.**



**73867—A. J. & A. H. Beach—Axle Gauge.**

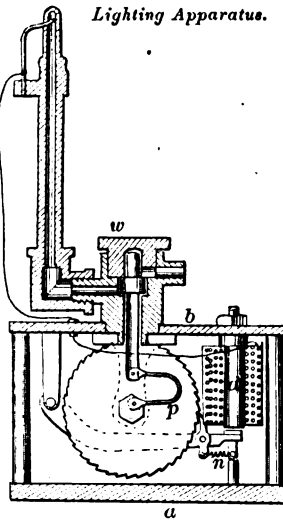


**73869—W. M. Blume—Measuring Receiver for Stills.**

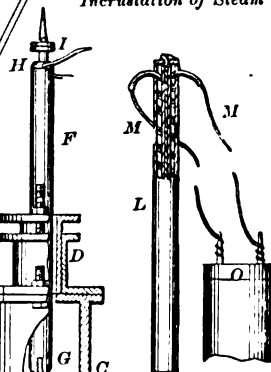


**73871—F. M. Dugbee—Button.**

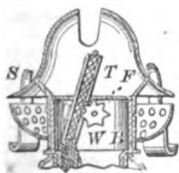
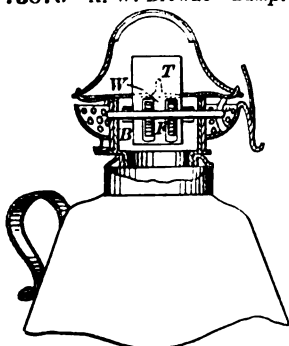
**73868—F. Bean—Electric Gas Lighting Apparatus.**



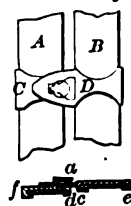
**73872—S. G. Cabell—Preventing Incrustation of Steam Boilers.**

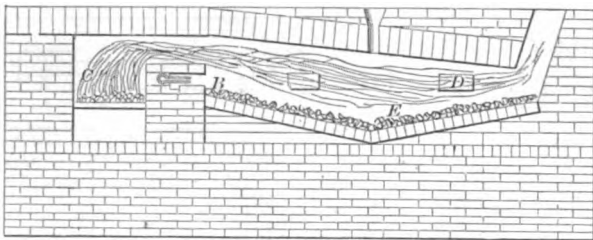
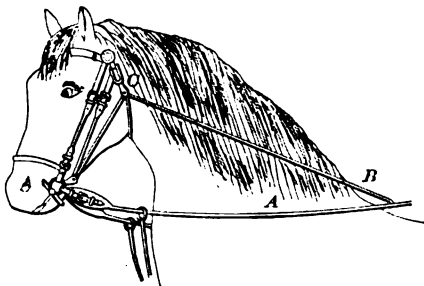
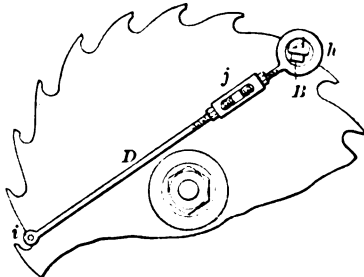
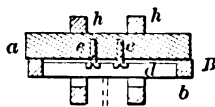
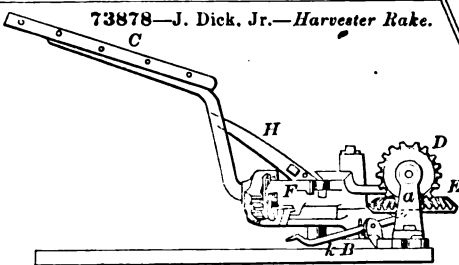
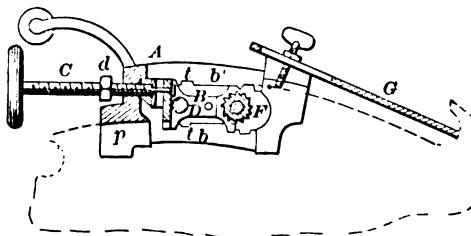
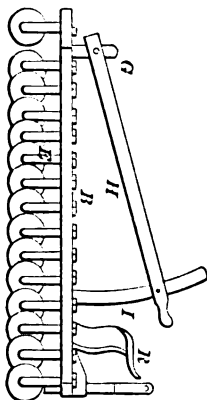
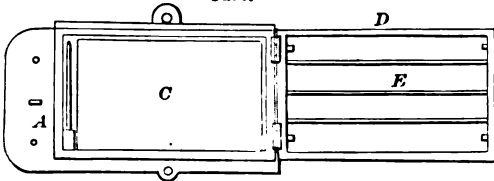
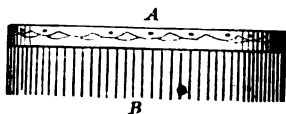


**73870—A. W. Browne—Lamp.**

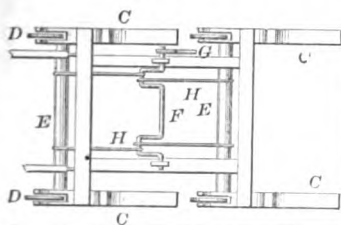


**73873—W. B. Cargill—Corset Fastening.**

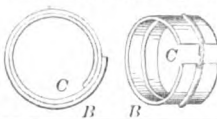


73874—C. B. Carpenter—*Reducing Lead Ore.*73877—J. F. Cranston—*Priming Metallic Cartridges.*73875—W. Clark—*Check and Harness Rein.*73879—H. Disston—*For Setting Saws.*73878—J. Dick, Jr.—*Harvester Rake.*73880—T. S. Disston—*Saw Gumming Machine.*73876—E. Crane—*For Scarifying the Soil.*73881—S. W. Downey—*Address Case for Railroad Cars.*73883—E. Faber—*Lead Pencil.*73884—C. Foster—*Comb.*

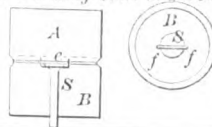
73885—D. C. Frazier—Sleigh and Sled.



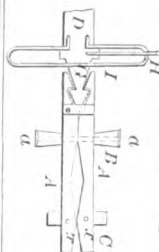
73887—N. W. Green—Connecting Store Pipes.



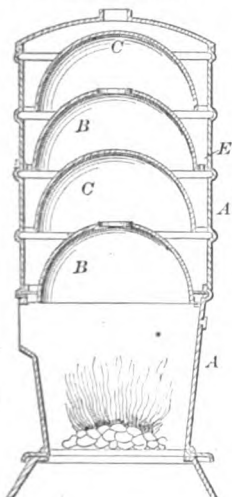
73888—H. Hammond—Die for Forming Slots in Screws.



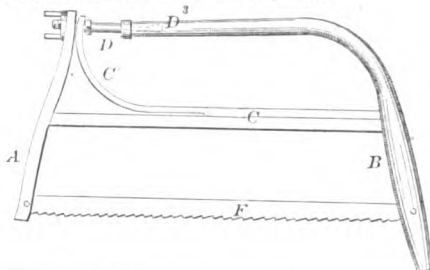
73889—D. Harger—Car Coupling.



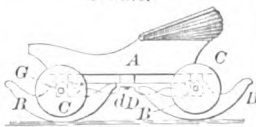
73886—J. C. Gaston—Drum Attachment for Stoves.



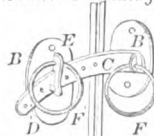
73890—J. Havens—Wood Saw Frame.



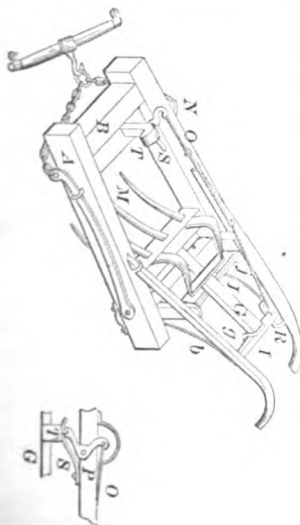
73892—L. & A. R. Hill—Cradle.



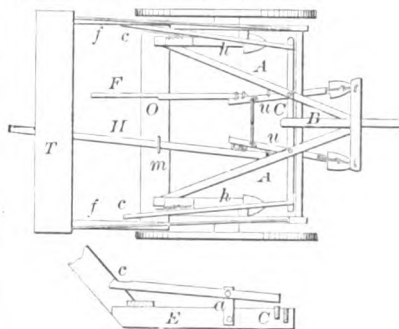
73893—G. G. Hickman—Shutter Fastening.



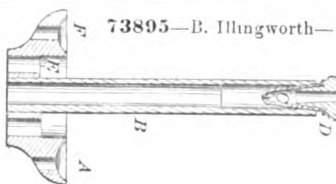
73894—U. Hammer—Manure Drag.



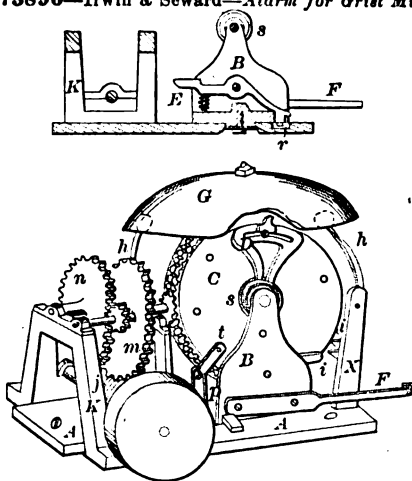
73891—C. Heft—Cultivator.



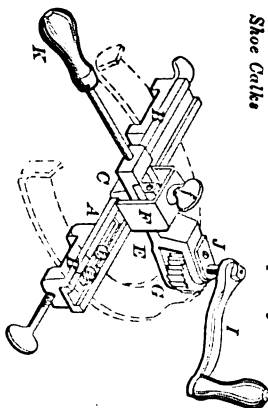
73895—B. Illingworth—Churn.



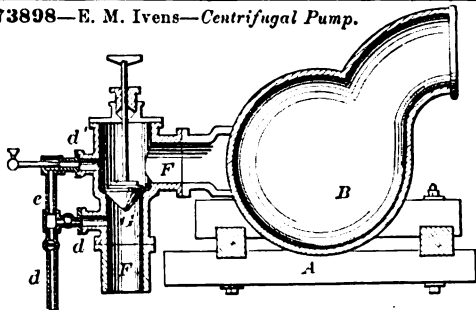
73896—Irwin &amp; Seward—Alarm for Grist Mills.



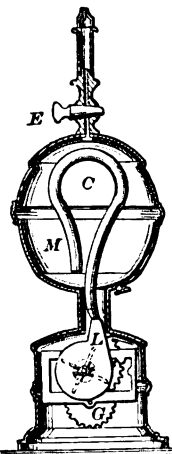
73901—J. Johnson—For Sharpening Horse Shoe Calks



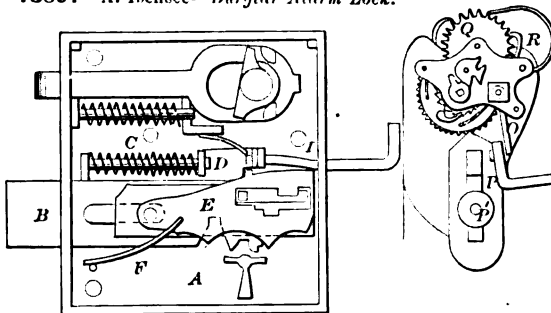
73898—E. M. Ivens—Centrifugal Pump.



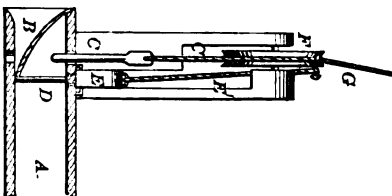
73900—J. D. Jenkins—Carburetted Air Lamp.



73897—A. Isensee—Burglar Alarm Lock.



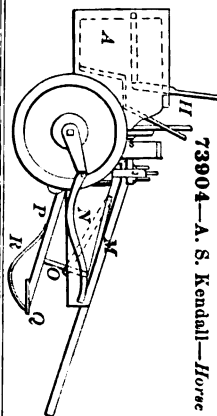
73902—J. B. Johnson—Car Coupling.



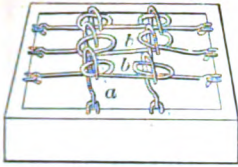
73903—P. Jones—Clip and Ferrule for Joint and Fellows.



73904—A. S. Kendall—Horse Rule.



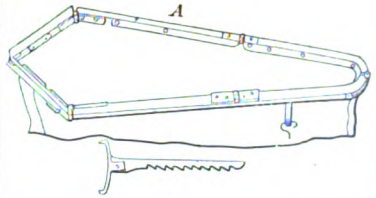
**73905—A. H. Knapp—Bed Bottom.**



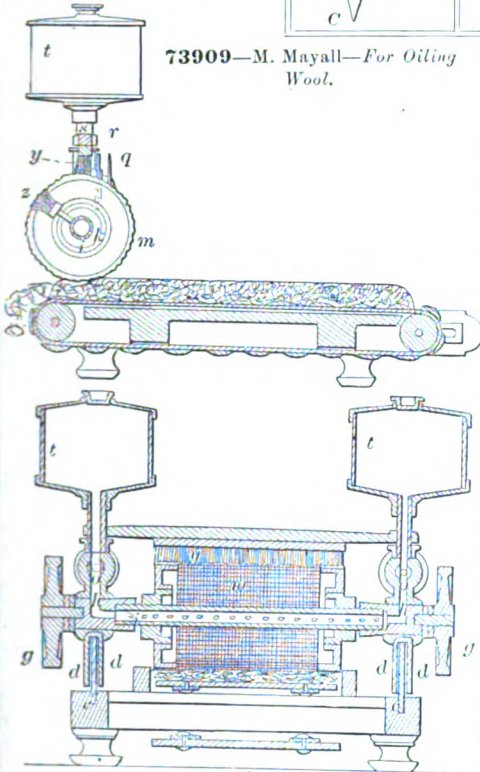
**73908—W. W. Martin—Spike.**



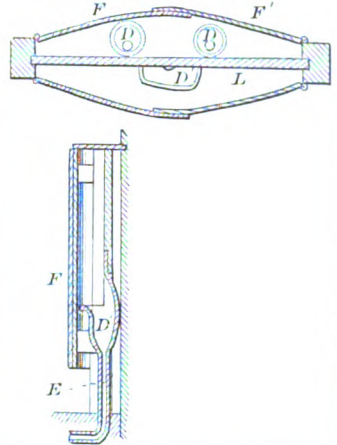
**73906—E. J. Knowlton—Bath Tub.**



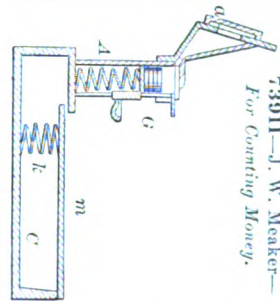
**73909—M. Mayall—For Oiling Wool.**



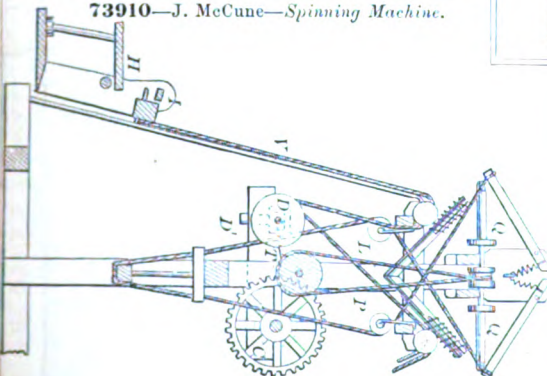
**73907—S. Males—Urinal.**



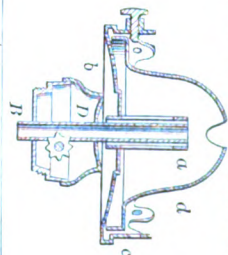
**73911—J. W. Meeker—For Counting Money.**



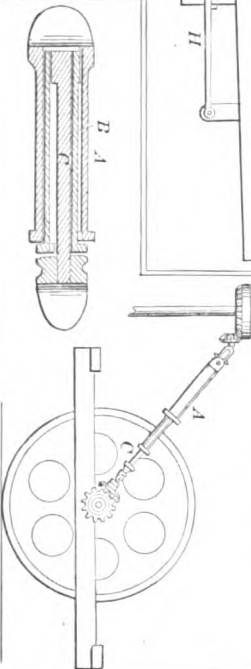
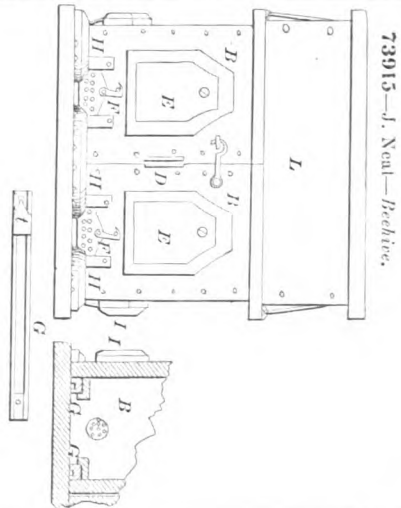
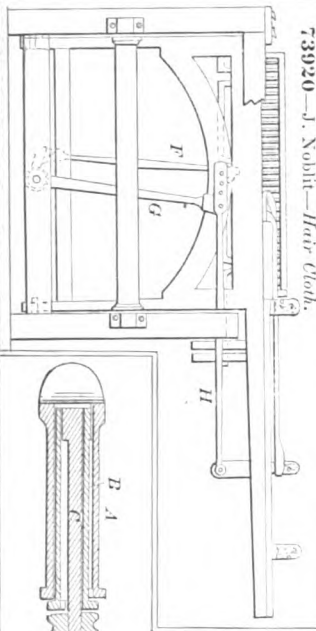
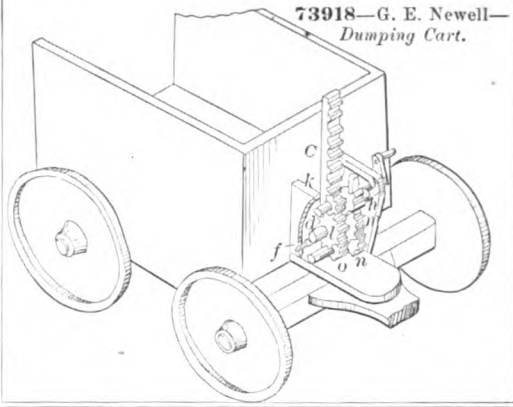
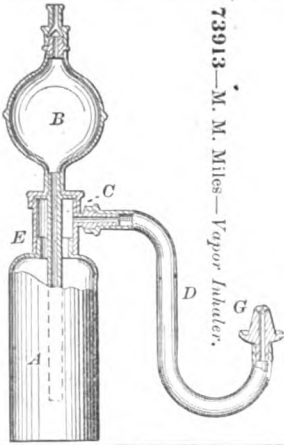
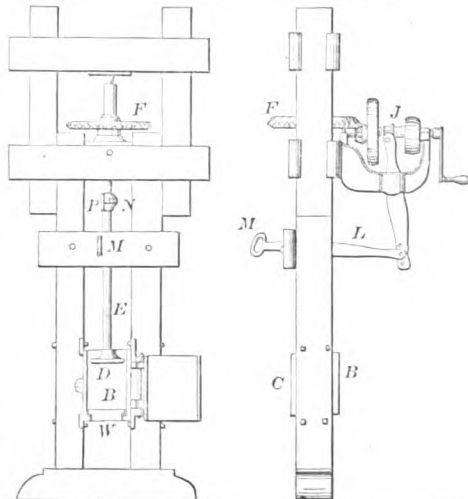
**73910—J. McCune—Spinning Machine.**



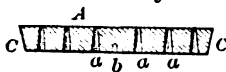
**73912—Merrill & Carlton—Lamp.**



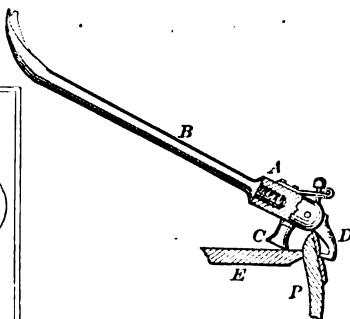


73921—L. P. Norton—*For Cleaning Clay.*

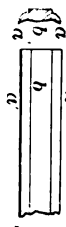
**73922**—W. C. Philbrick—  
*For Kindling Fires.*



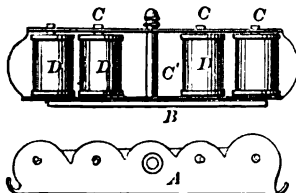
**73923**—T. J. Phillips—*For Opening Barrels.*



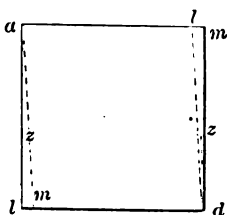
**73927**—D. F. Randall—*Metallic Band for Trimming Cur Seats.*



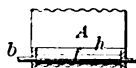
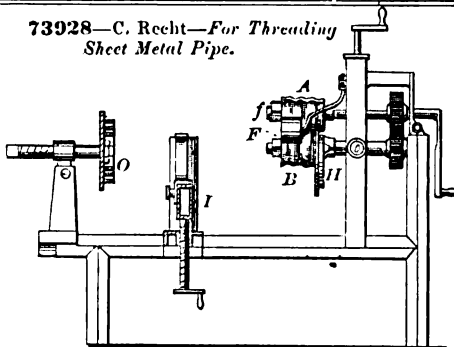
**73926**—G. A. Pridham—*Spool Stand.*



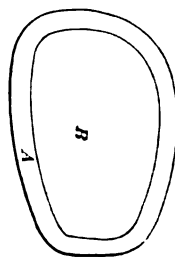
**73929**—C. Reecht—*Sheet Metal Pipe.*



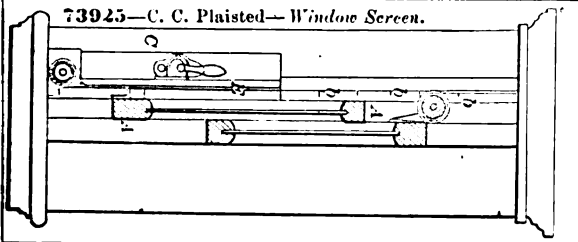
**73928**—C. Reecht—*For Threading Sheet Metal Pipe.*



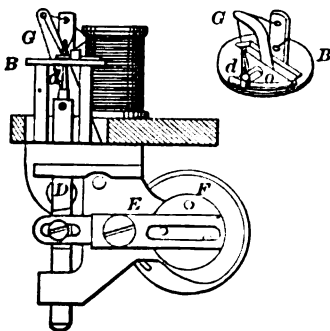
**73924**—R. S. Pickett—*India Rubber Sole.*



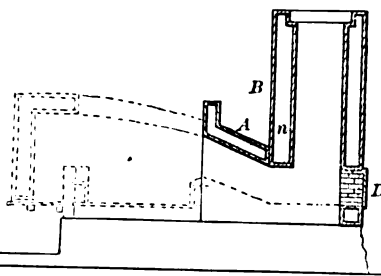
**73925**—C. C. Plaisted—*Window Screen.*



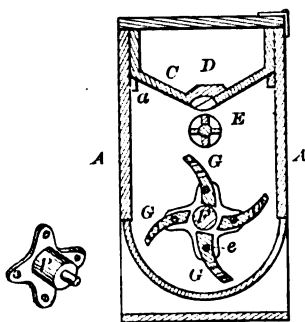
**73930**—G. Rehfuß—*Braid Machine.*



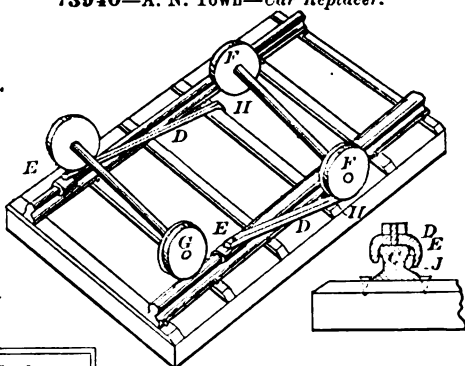
**73931**—H. Ross—*Puddling Furnace.*



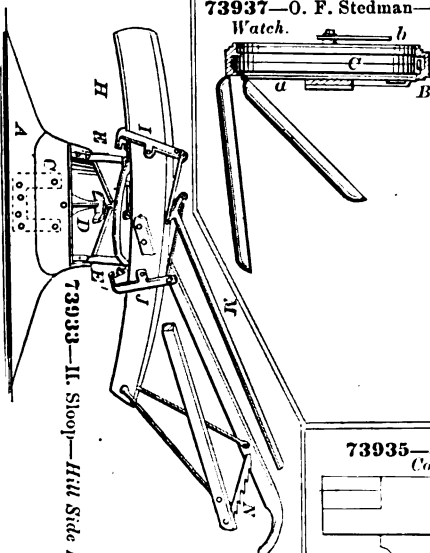
73932—J. B. Rumsey—Churn.



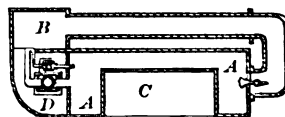
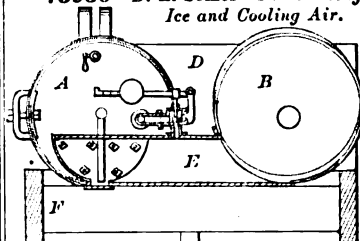
73940—A. N. Town—Car Replacer.



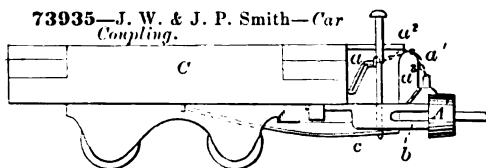
73937—O. F. Stedman—Watch.



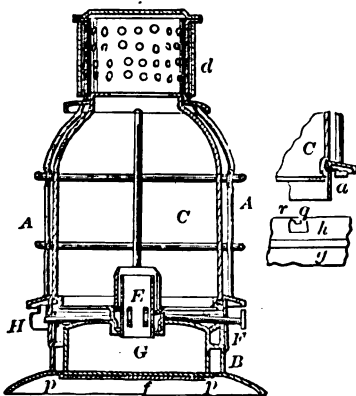
73936—D. E. Somes—For Making Ice and Cooling Air.



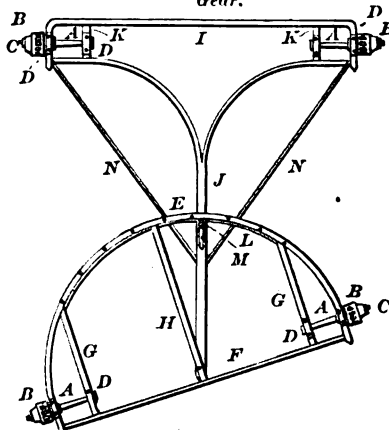
73935—J. W. &amp; J. P. Smith—Car Coupling.



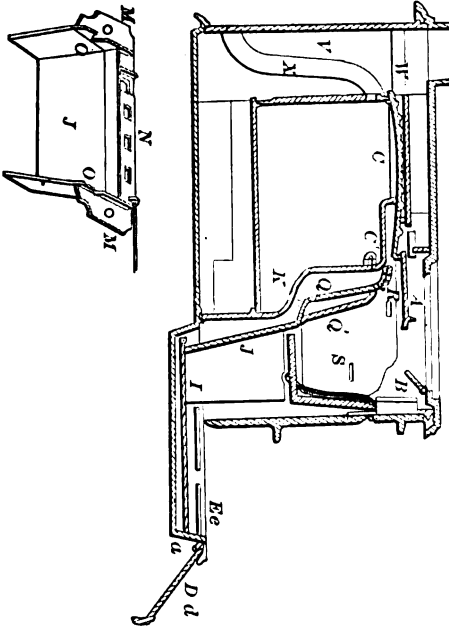
73934—A. G. Smith—Lantern.



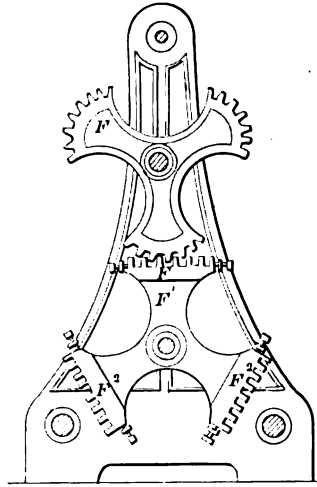
73941—J. B. Withey—Carriage Running Gear.



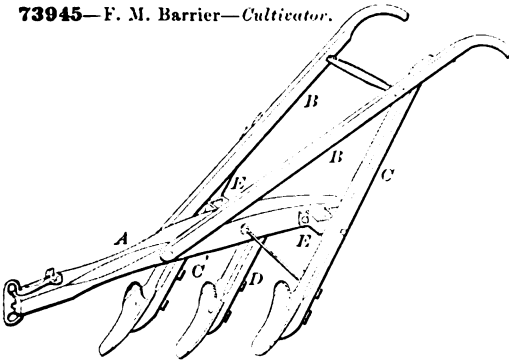
**73942—Adams & Peckover—Stove.**



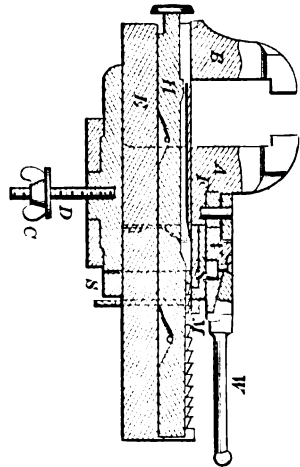
**73943—E. Allen—Printing Press.**



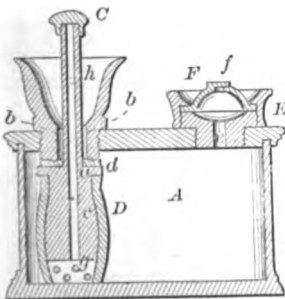
**73945—F. M. Barrier—Cultivator.**



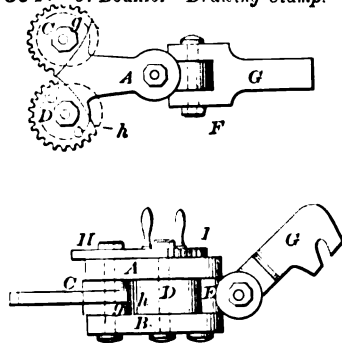
**73944—S. S. Barnaby—Vise.**

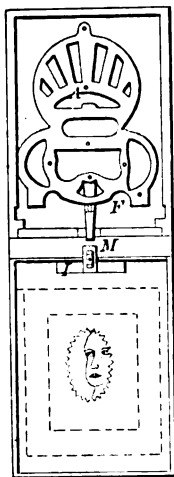


**73946—J. Barwick—Inkstand.**

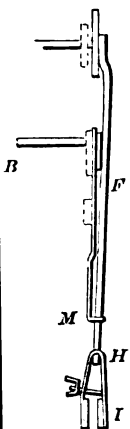


**73947—J. Bouniol—Drawing Clamp.**

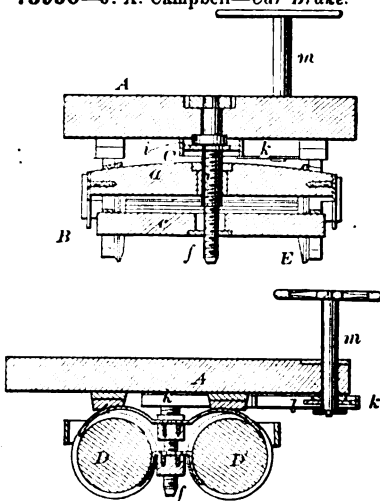




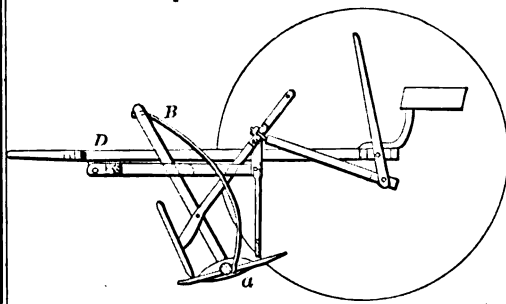
73948—E. & E. W. Brown—Photographic Printing Apparatus.



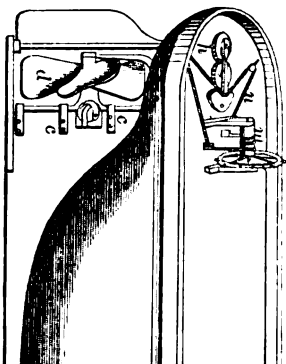
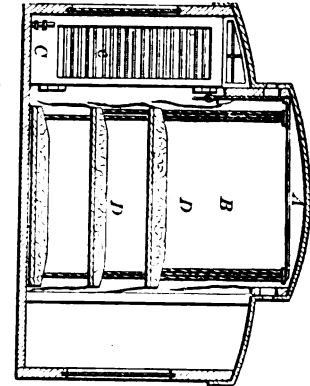
73950—J. A. Campbell—Car Brake.



73952—A. Chapman—Horse Rake.

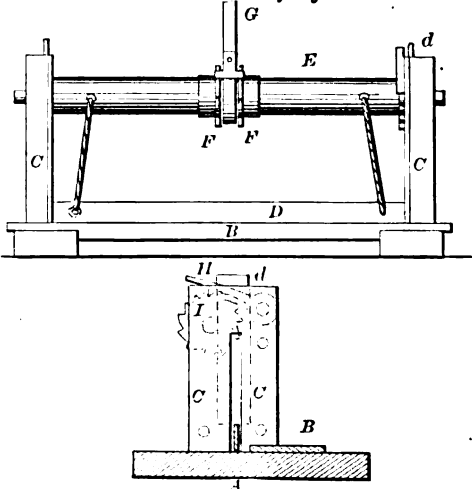


73949—W. Brown—Railroad Car.

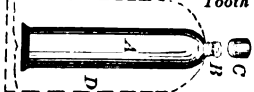


73951—J. L. Cartwright—Steering Apparatus.

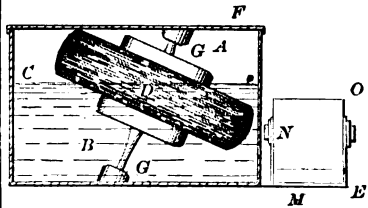
73954—J. Coulter, Sr.—Lifting Jack.



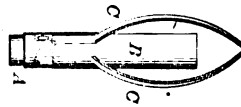
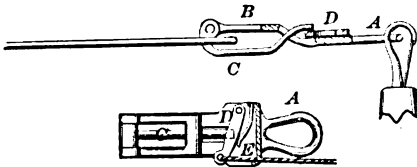
73953—G. F. J. Colburn—Case for Tooth Paste.



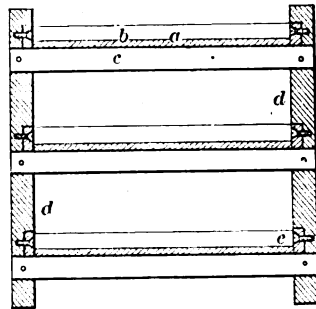
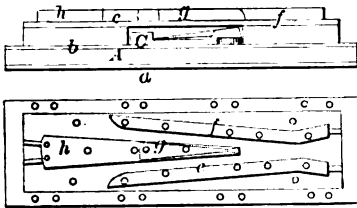
**73956**—S. Darling—*Pen Wiper.*



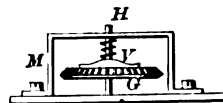
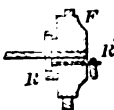
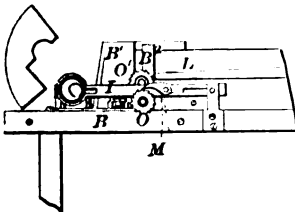
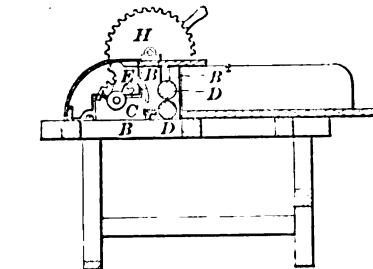
**73957—S. Darling—*Gas Heater.***



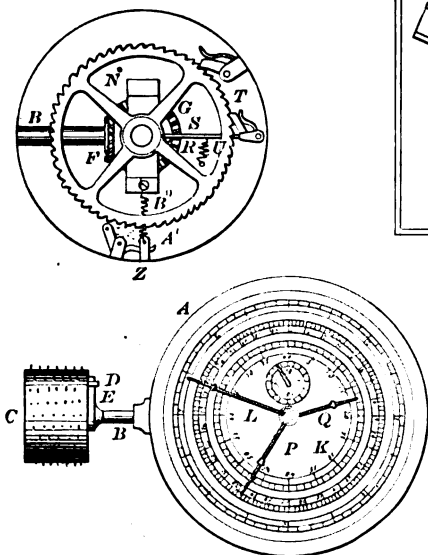
**73960—C. A. Erskine—*Egg Preserving Frame.***



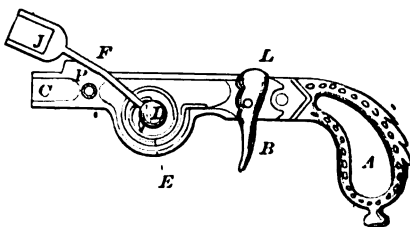
73962.—Fellows, Harrison & Dyer.—Loom Indicator.



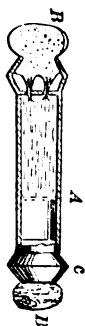
73962—Continued.



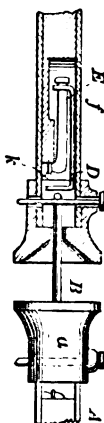
73966—R. Frisbie—Toy Gun.



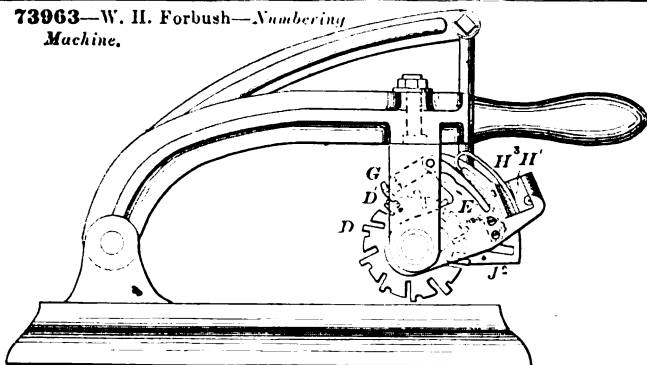
73968—W. Fry—Wringing Instrument for Staves.



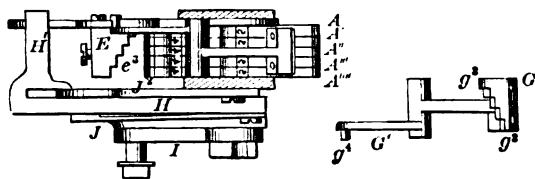
73964—J. Kortier—Car Coupling.



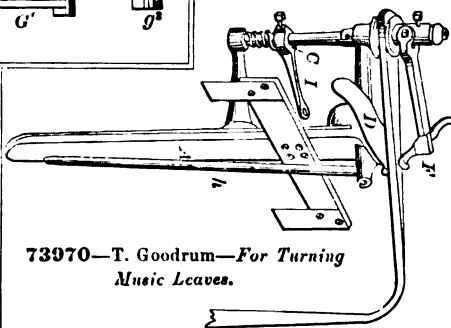
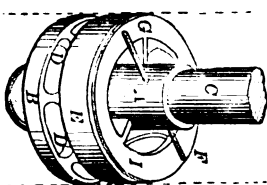
73963—W. H. Forbush—Numbering Machine.



73967—W. T. Fry—Wringing Instrument for Staves.

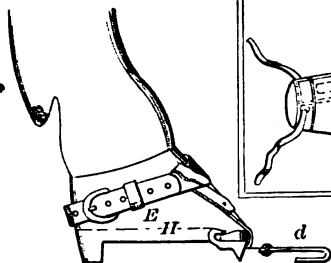


73969—S. P. Gilbert—Pump Piston

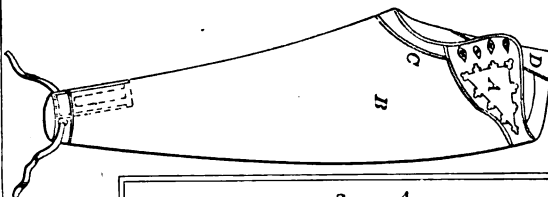


73970—T. Goodrum—For Turning Music Leaves.

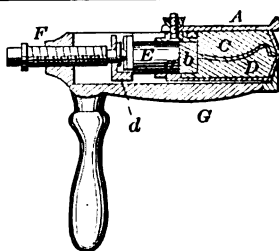
73971—W. T. Harmar—  
Horse Shoe.



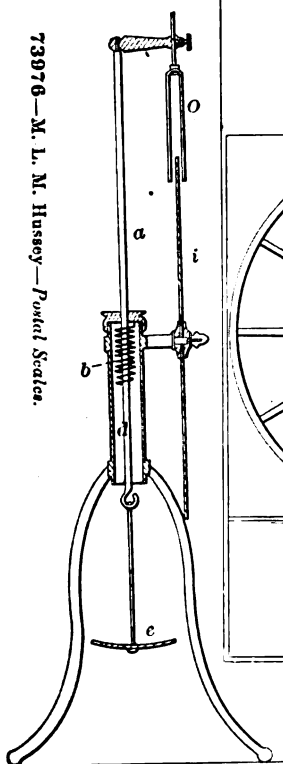
73975—H. Heath—Drawers.



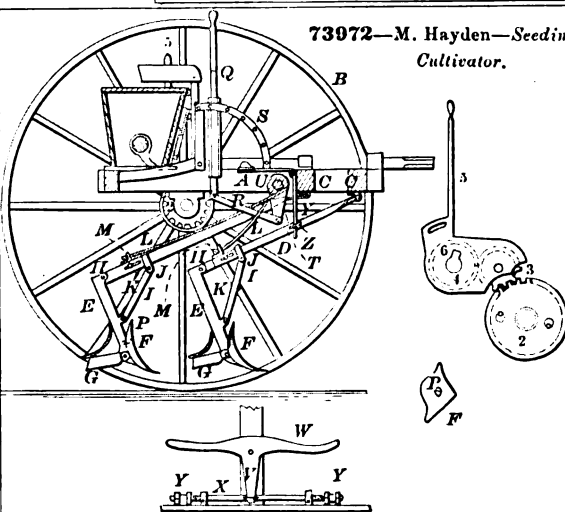
73974—G. E. Hayes—  
Dentist's Flask.



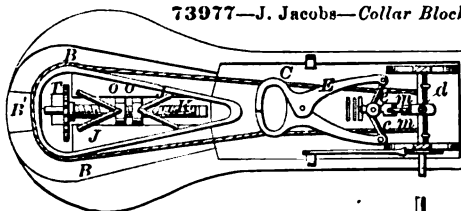
73976—M. L. M. Hussey—Postel Scaler.



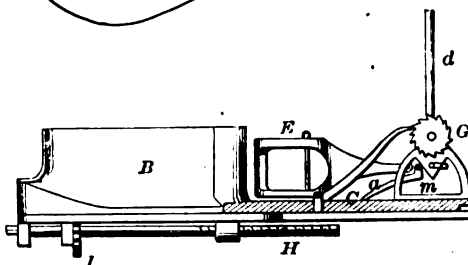
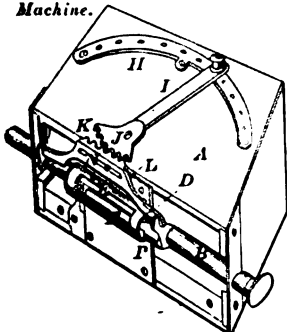
73972—M. Hayden—Seeding  
Cultivator.



73977—J. Jacobs—Collar Block

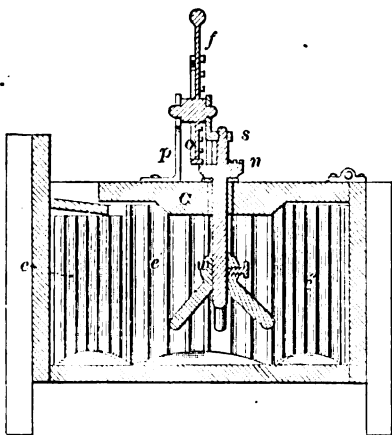


73973—M. Hayden—Seeding  
Machine.

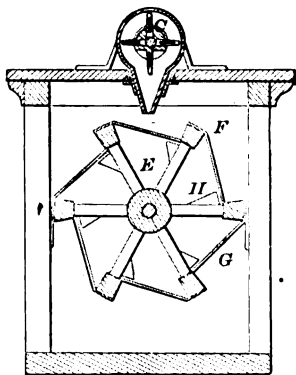




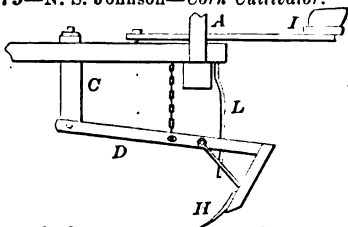
73978—M. V. Jennings—Washing Machine.



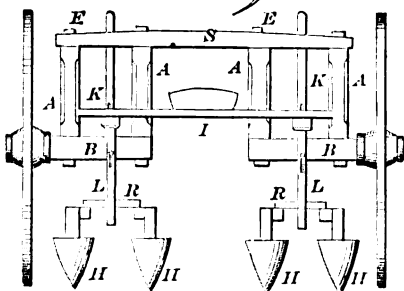
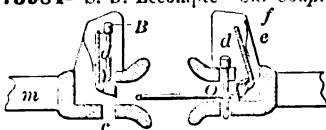
73981—E. H. Kellogg—Flour Bolt.



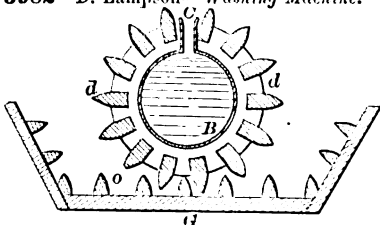
73979—N. S. Johnson—Corn Cultivator.



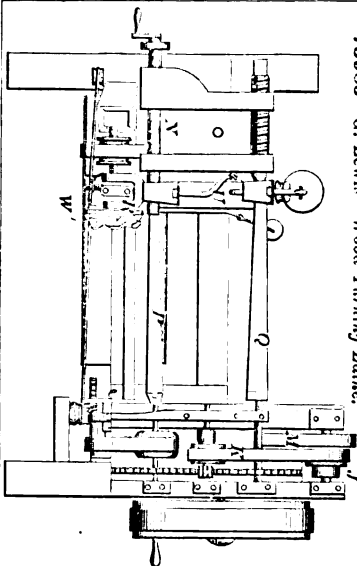
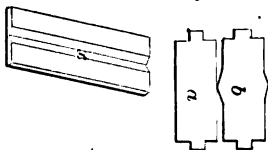
73984—S. D. Lecompte—Car Coupling.



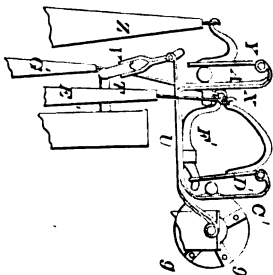
73982—D. Lampson—Washing Machine.



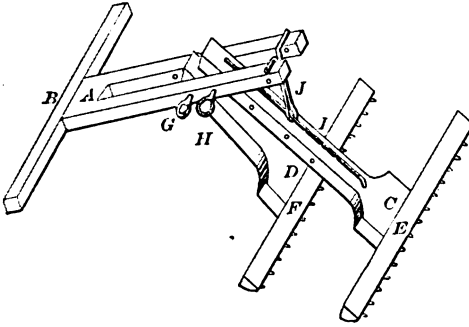
73983—J. Lane—For Forming Plow Lays.



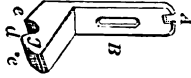
73985—G. Lewis—Wood Turning Lathe.



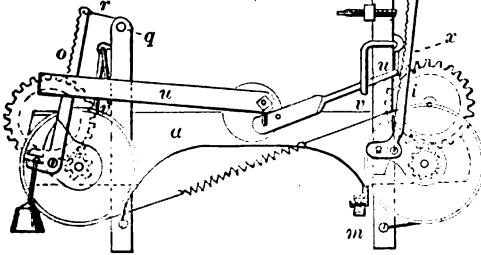
**73986**—C. S. McRobert—*Carpet Stretcher.*



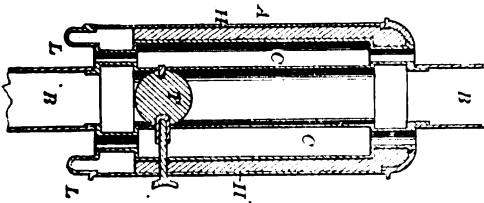
**73987**—G. B. Melcher—*Window Blind Fastening.*



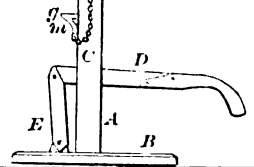
**73993**—J. Pender—*Let-off and Take-up for Looms.*



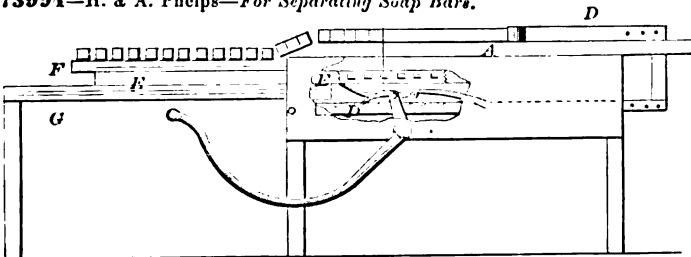
**73990**—M. S. Morgan—*Stove Drum.*



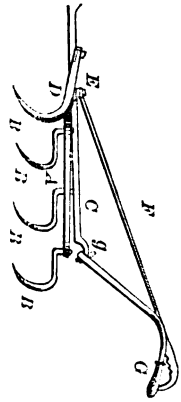
**73992**—C. H. Paine—*Carriage Jack.*



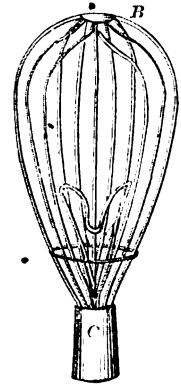
**73994**—H. & A. Phelps—*For Separating Soap Bars.*



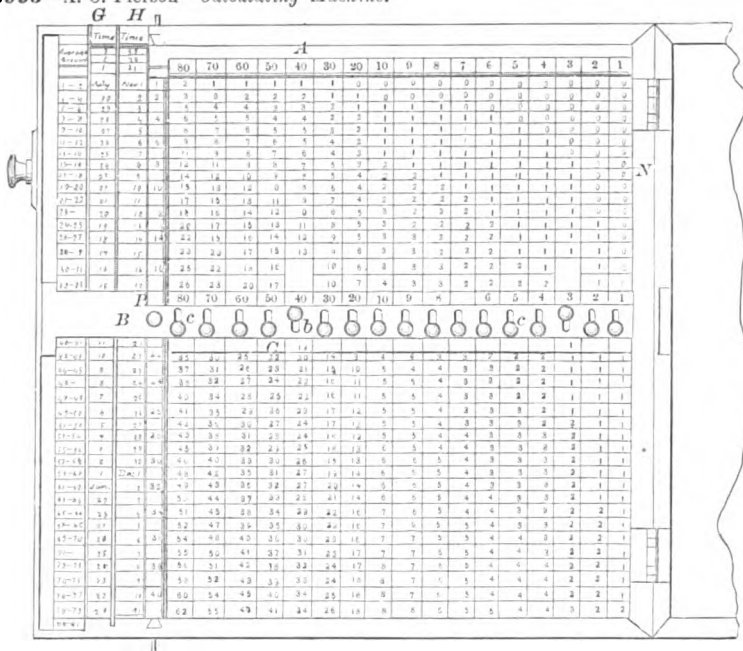
**73983**—J. W. Milroy—*Corn and Cotton Cultivator.*



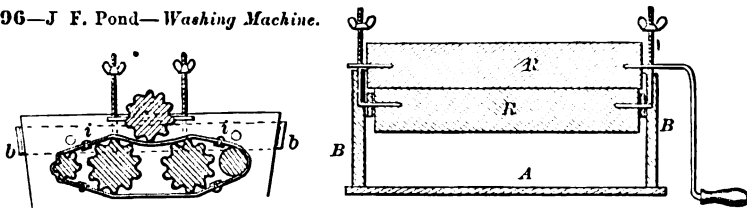
**73989**—O. B. Moore—*Fruit Picker.*



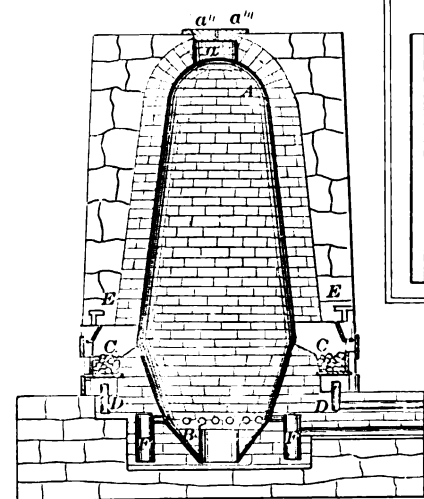
**73995**—A. C. Pierson—*Calculating Machine.*



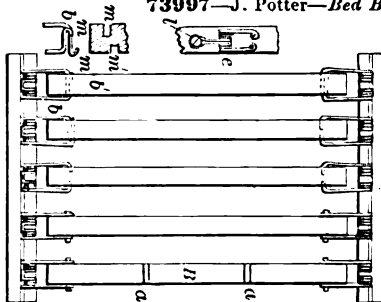
**73996—J F. Pond—*Washing Machine.***



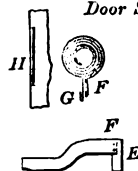
**73998**—W. W. Potts—*Lime Kiln.*



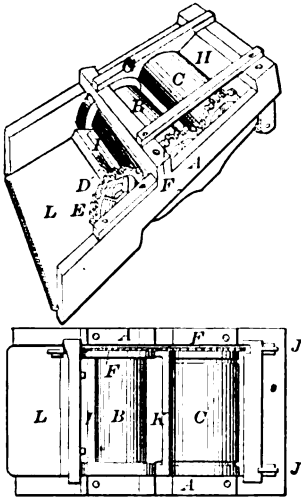
**73997—J. Potter—*Bed Bottom.***



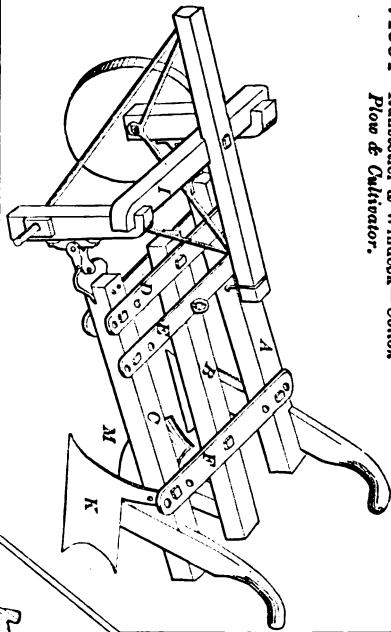
**73999—L. C. Prindle—**  
*Door Spring*



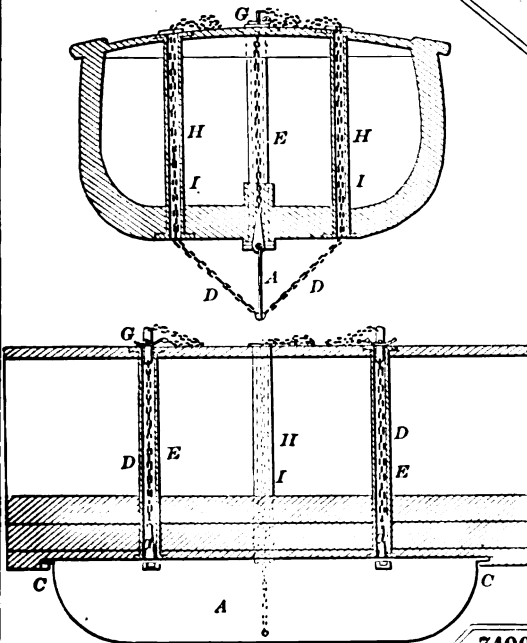
74000—L. E. Ransom—Brick Machine.



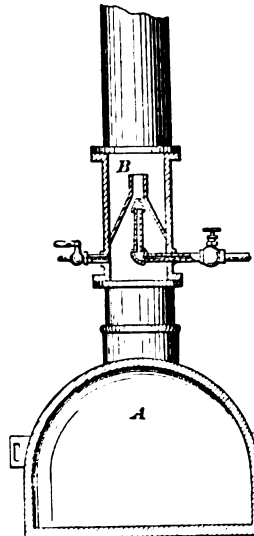
74004—Runneller & Winbeck—Cotton  
Pins & Cultivator.



74003—D. Robertson—Vessel Centre Board.



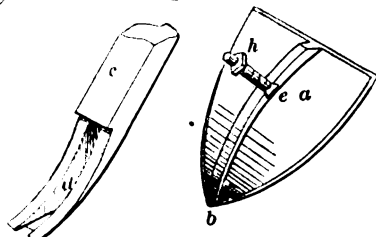
74001—J. T. Hich—For Generating Gears, &c.



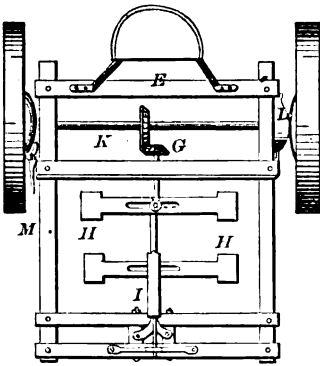
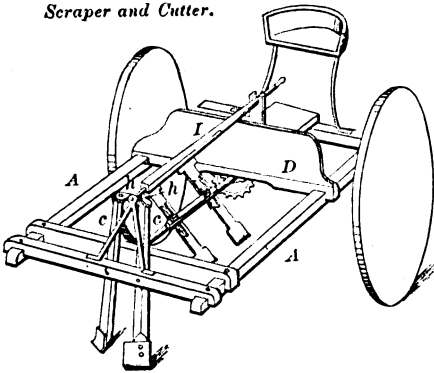
74002—Rinehart & Phillips—For Preventing  
Hogs from Rooting.



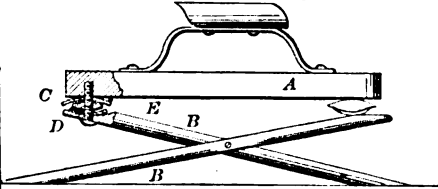
74005—L. Rogers—Cultivator Teeth.



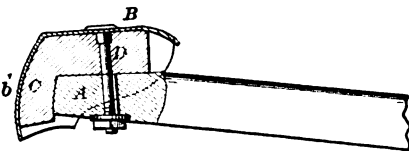
**74006—Runstetter & Windeck—Cotton  
Scraper and Cutter.**



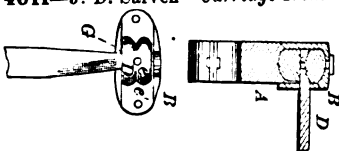
**74009—J. D. Sarven—Carriage Spring.**



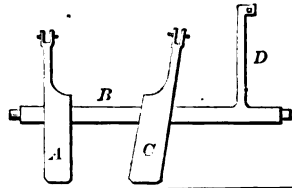
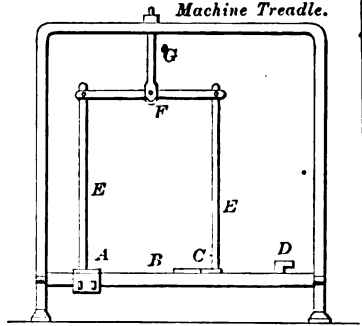
**74010—J. D. Sarven—Carriage Spring.**



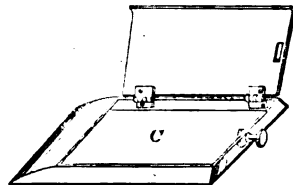
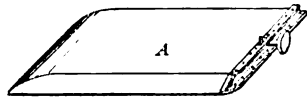
**74011—J. D. Sarven—Carriage Iron.**



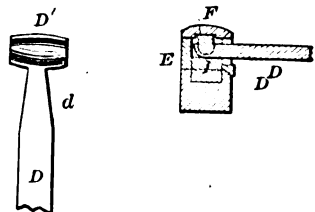
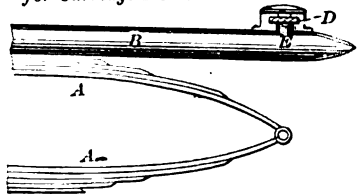
**74007—Rutter & Hunt—Sewing  
Machine Treadle.**



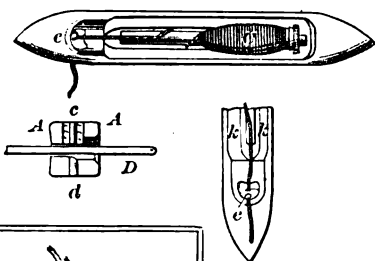
**74008—C. Sanborn—Safety Pocket.**



**74012—J. D. Sarven—Elastic Bearing  
for Carriage Irons.**



74013—J. Scofield—Loom Shuttle.



74014—H. M. Shute—Book Binding.

Fig. 3

Fig. 1

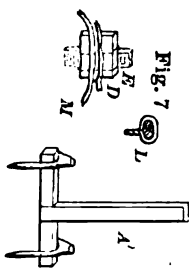
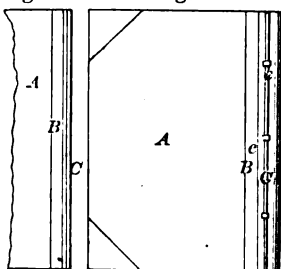
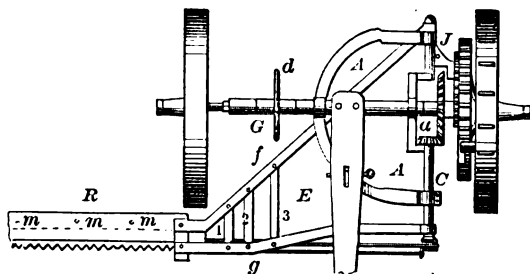


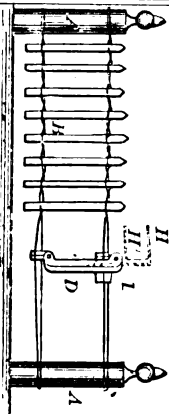
Fig. 7



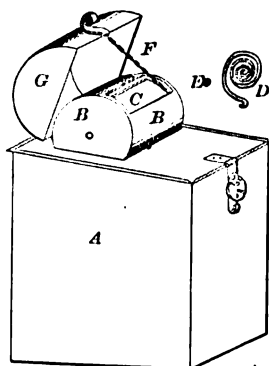
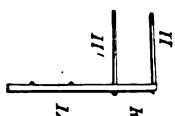
74017—A. Todd, Jr.—Fence.



74016—J. W. Thompson—Harvester.

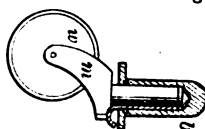


74018—A. Todd, Jr.—Fence.

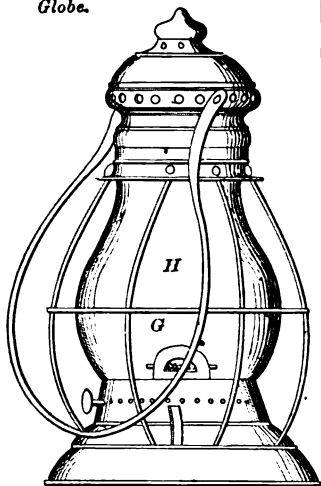


74015—J. W. & J. D. Smith—Letter Box.

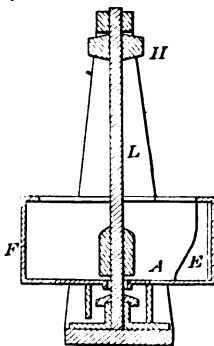
74019—A. C. Twining—Caster.



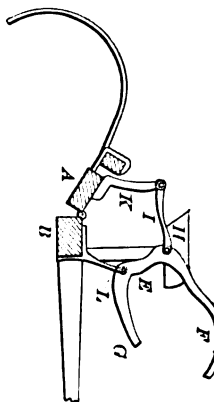
**74020**—W. Westlake—Lantern  
Globe.



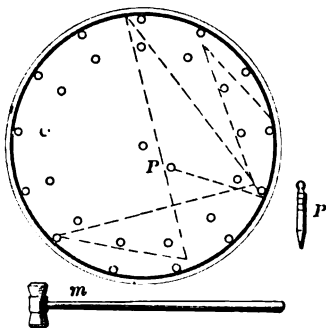
**74021**—D. M. Weston—  
For Separating Liquids  
from Paints.



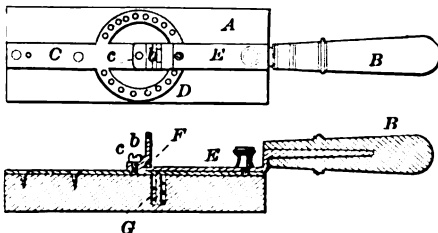
**74023**—J. R. Whitmore—Horse Rake.



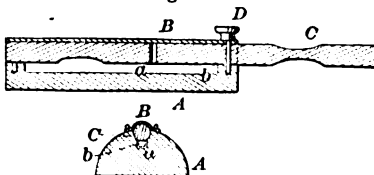
**74022**—J. E. Wheat—Letter Game.



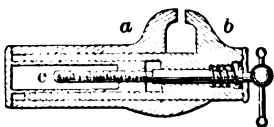
**74026**—A. A. Young—Brush Stock and Handle.



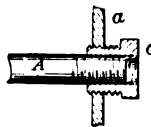
**74027**—A. A. Young—Brush Stock and Handle.



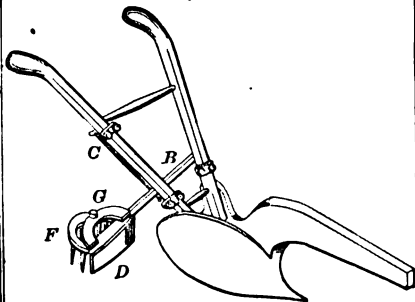
**74025**—L. Yale, Jr.—Vise



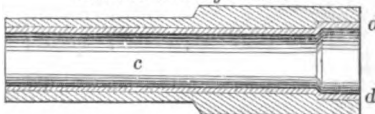
**74028**—J. U. Adams—Boiler Tube Ferrule.



**74024**—P. Wonsey—Plow and Harrow.



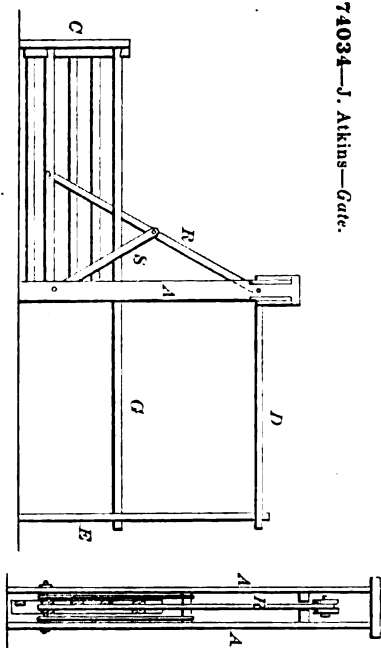
**74029**—A. H. Ahlborn—Securing Box  
Metal in Carriage Hubs.



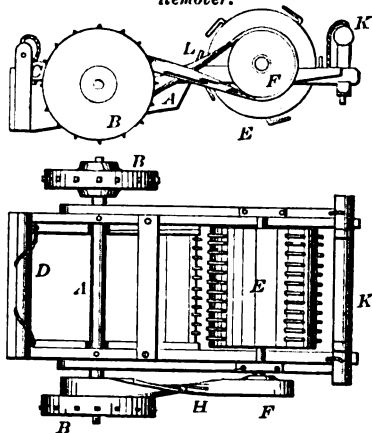




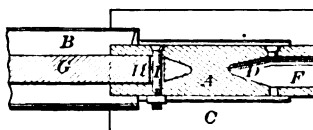
74034—J. Atkins—Gate.



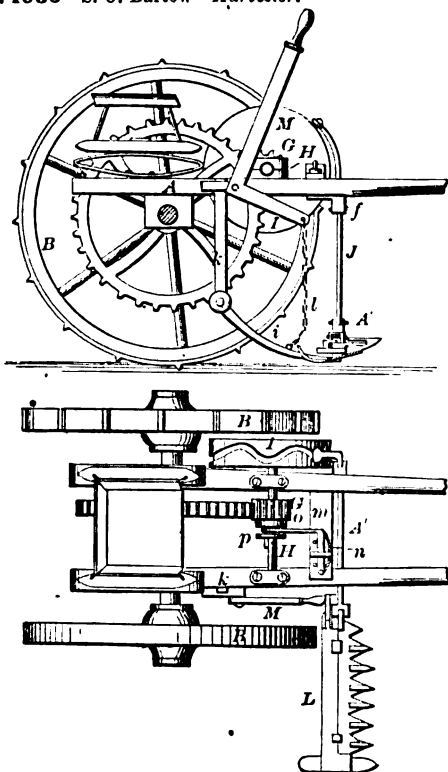
74035—E. Babcock—Harrow and Stone Remover.



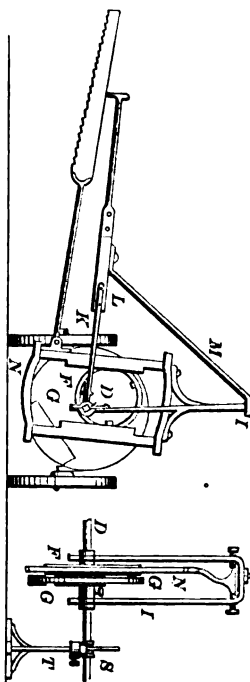
74037—L. Behymer—Railway Joint.



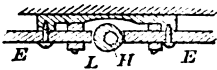
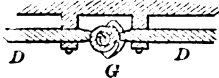
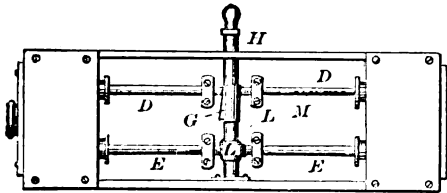
74036—S. O. Bartow—Harvester.



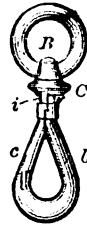
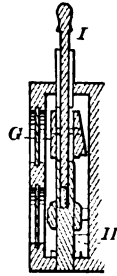
74038—G. W. Bell—Sawing Machine.



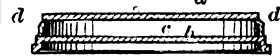
74039—E. H. Bellows—*Steam Engine.*



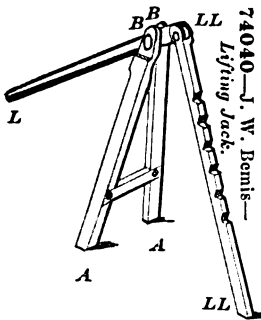
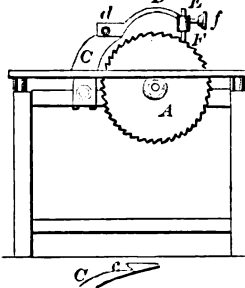
74043—  
E. F. Brundage—*Safety Hook.*



74041—B. D. Bingham—*Watch.*

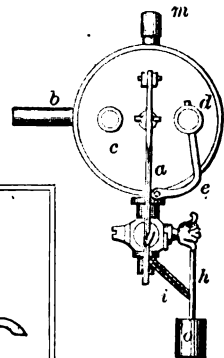


74042—C. D. Blakeslee—*Sawing Machine.*

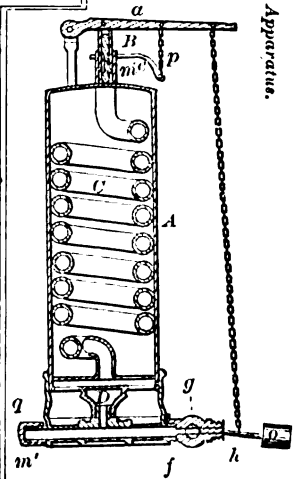
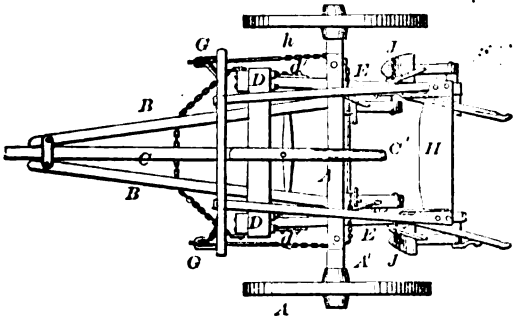
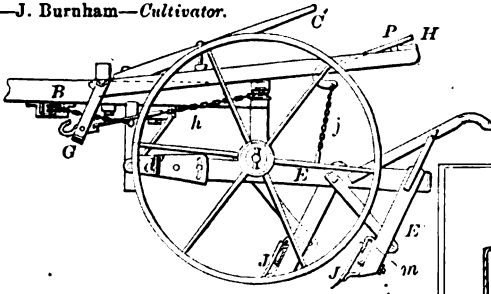


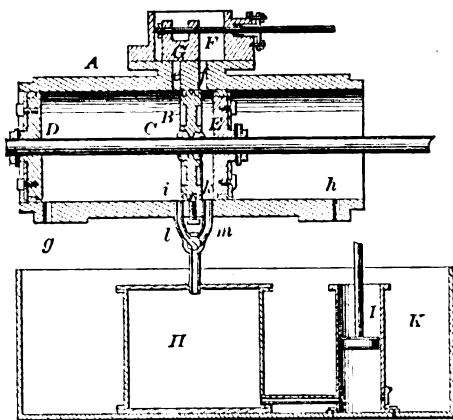
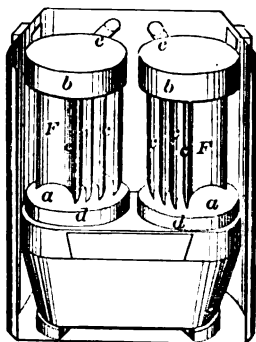
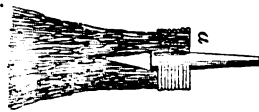
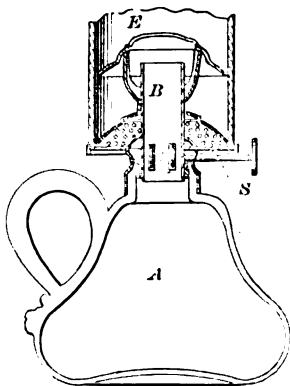
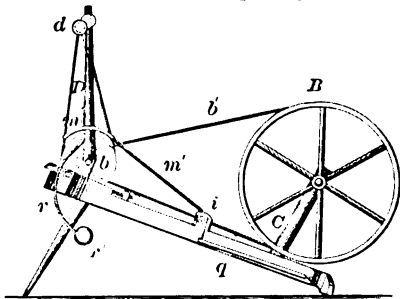
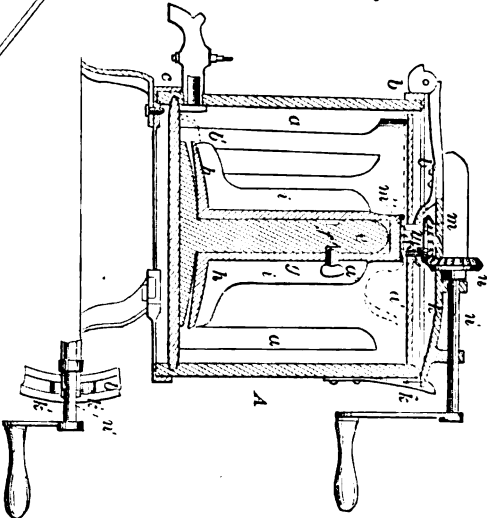
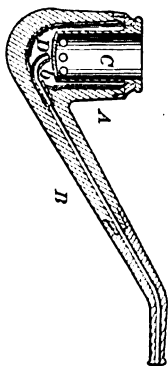
74040—J. W. Bennie—*Lifting Jack.*

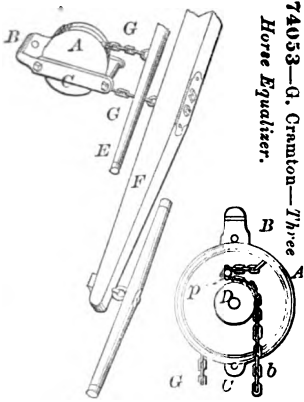
74045—J. Chambers—*Steam Heating Apparatus.*



74044—J. Burnham—*Cultivator.*

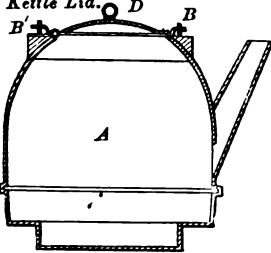


74046—W. T. Chamberlain—*Steam Engine.*74051—N. E. Cornwall—*Heating Furnace.*74048—W. H. Clark—*Brush.*74049—M. H. Collins—*Lamp.*74047—S. W. Clark—*Spinning Wheel.*74052—F. H. Covel—*Washing Machine.*74050—J. Cook—*Tobacco Pipe.*

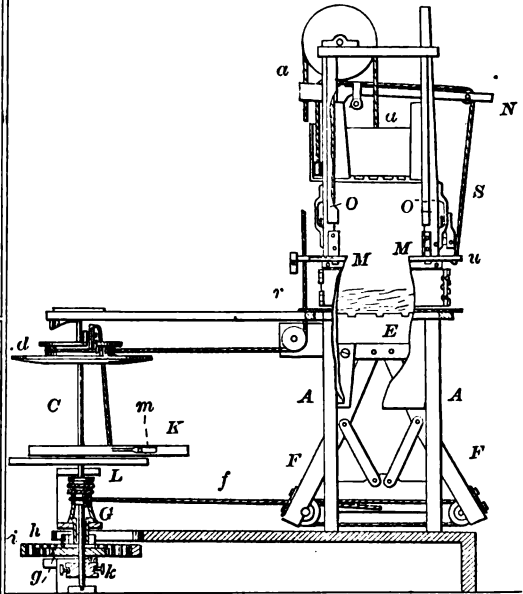


74053—G. Cramton—Three Horse Equalizer.

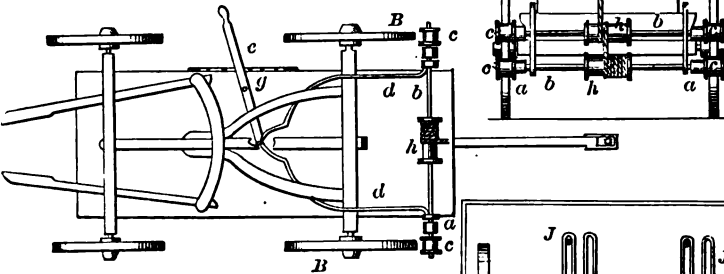
74057—I. De Haven—Tea Kettle Lid.



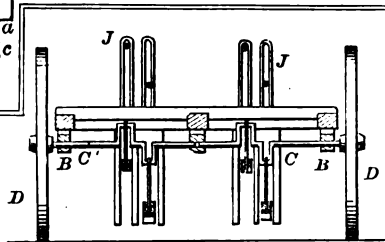
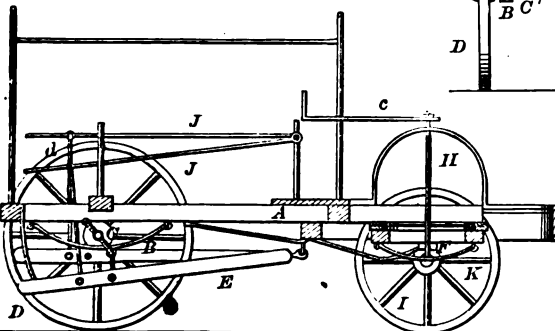
74054—G. W. D. Culp—Hay Press.



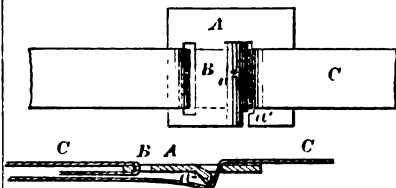
74055—E. N. Curtice—Hay Loader.



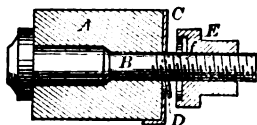
74058—L. Derozier—Velocipede.



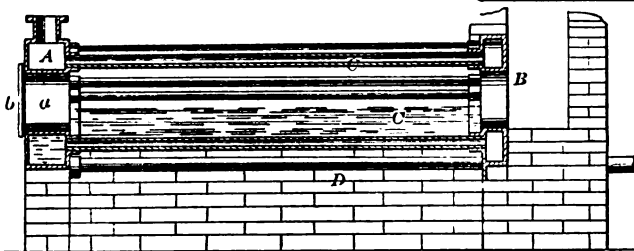
74059—J. B. Dunn—Cotton Bale Tie.



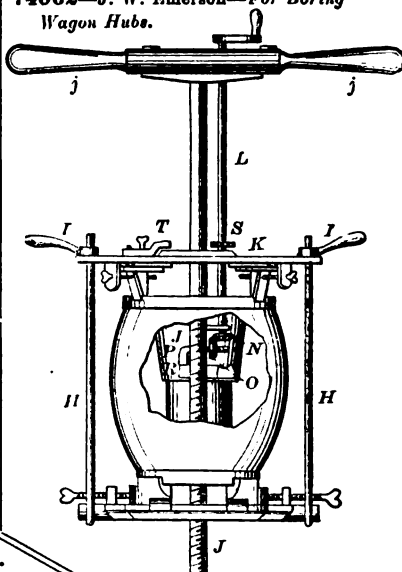
74060—Elliott &amp; Seely—Washer for Lock Nuts.



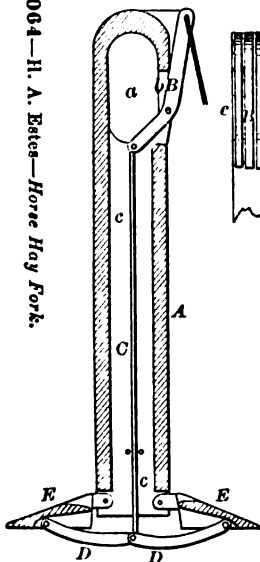
74061—J. Ellis—Boiler for Heating Water.



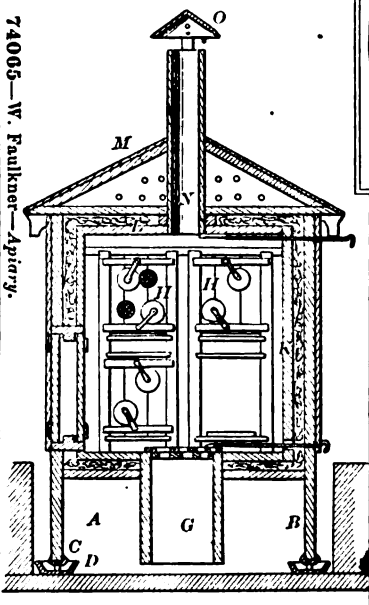
74062—J. W. Emerson—For Boring Wagon Hubs.



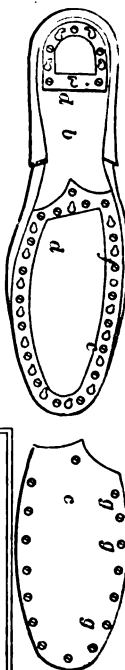
74064—H. A. Bates—Horse Hay Fork.



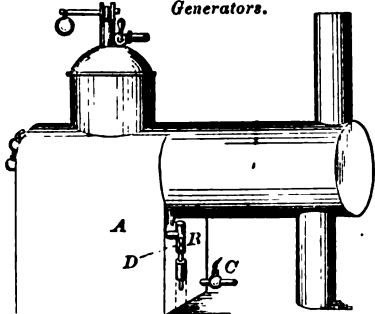
74065—W. Faulkner—Apicary.



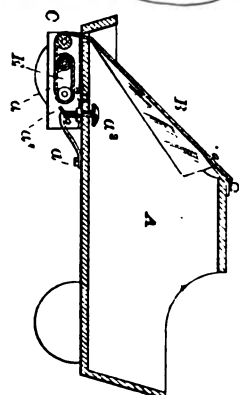
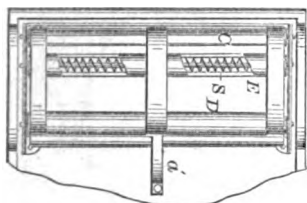
74066—L. A. Farre—For Soling Shoes.



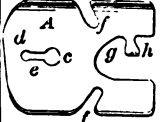
74067—E. Ferguson—Injector for Steam Generators.



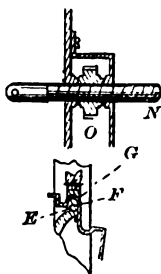
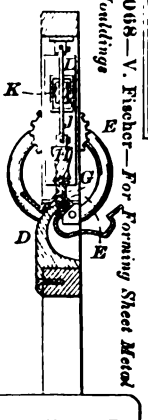
74071—M. N. Follett—Boot Attachment to Carriages.



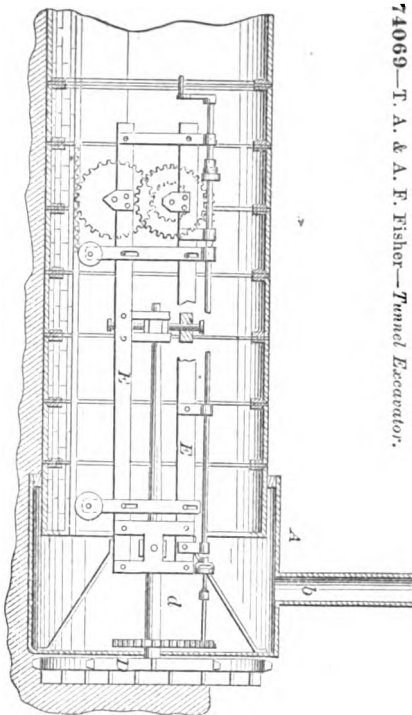
74070—A. C. Fletcher—Cotton Bale Tie.



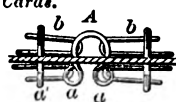
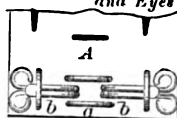
74068—V. Fischer—For Forming Sheet Metal Mountings



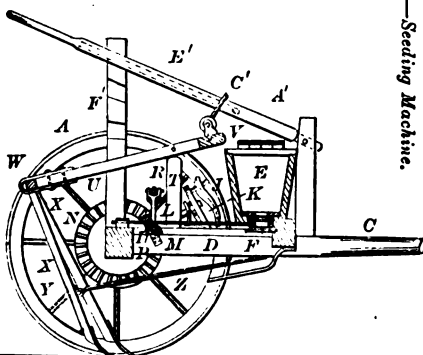
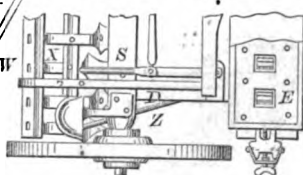
74069—T. A. & A. F. Fisher—Tunnel Excavator.

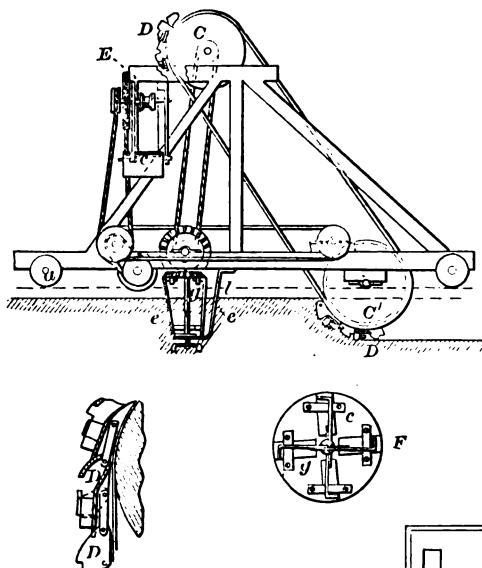
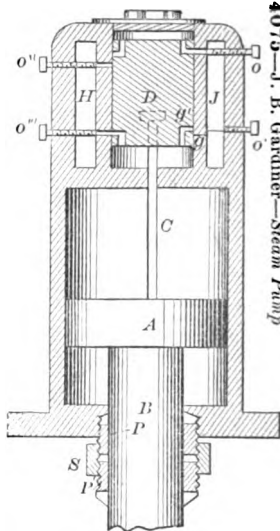
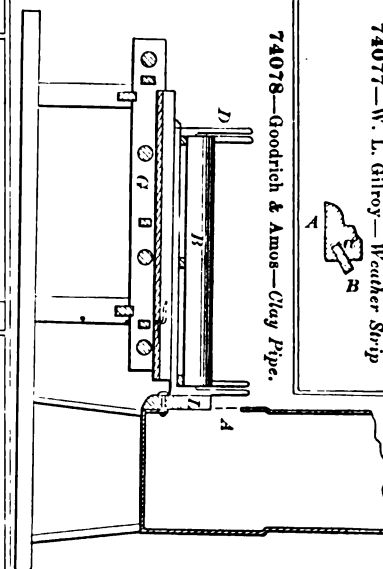
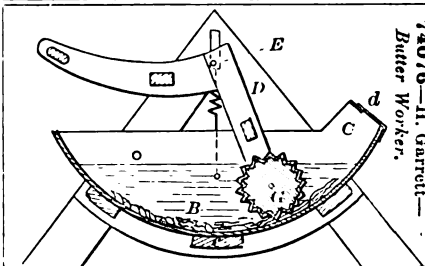
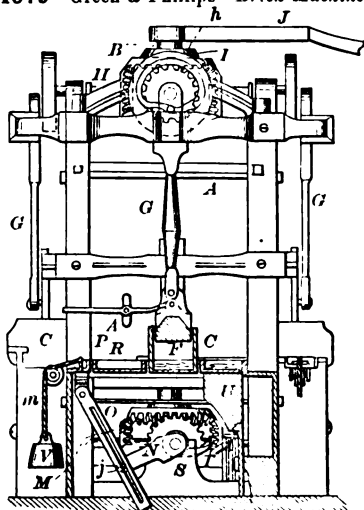
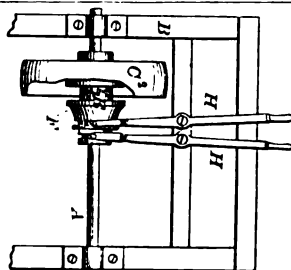


74072—J. D. Franklin—Securing Hooks and Eyes to Cards.

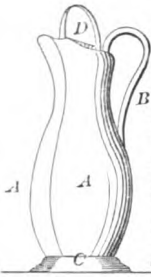


74073—O. Fry, Jr.—Seeding Machine.

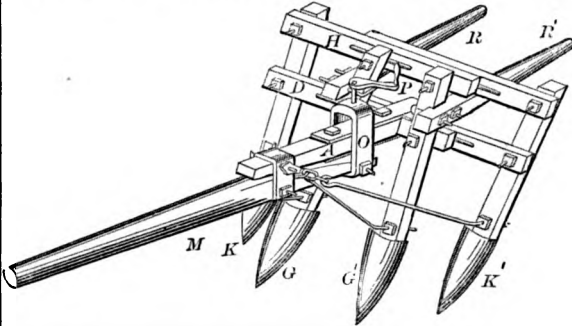


74074—A. A. Fuselier—*Ditching Machine.*74075—J. B. Gardiner—*Steam Pump.*74077—W. L. Gilroy—*Weather Strip.*74078—Goodrich & Amos—*Clay Pipe.*74076—H. Garrett—*Butter Worker.*74079—Green & Phillips—*Brick Machine.*74080—A. W. Hall—*Friction Clutch.*

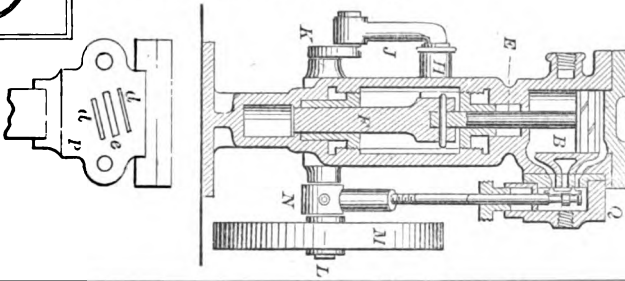
74081—G. B. Halsted—*Molasses Cup*.



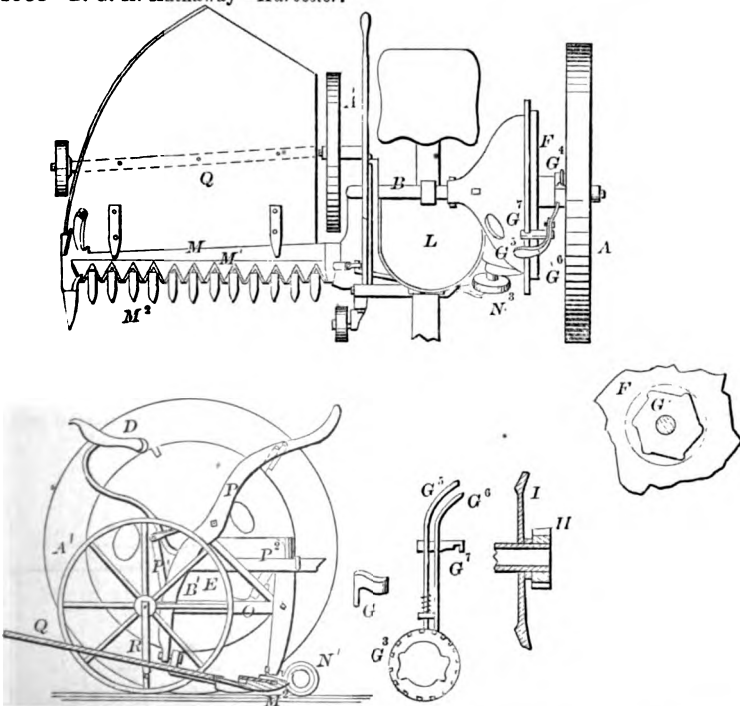
**74082**—J. R. Hand—*Cultivator*.



**74084—W. Harsen—*Steam Pump.***

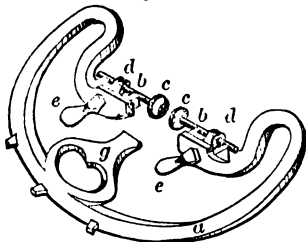


**74085**—B. G. H. Hathaway—*Harvester.*

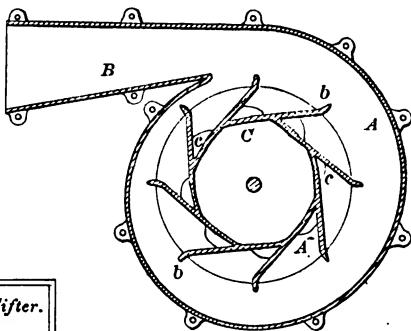




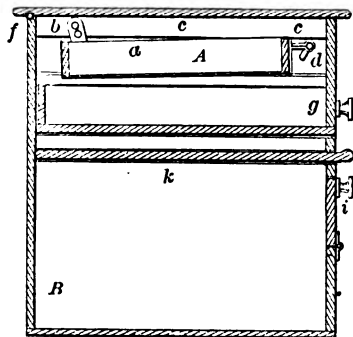
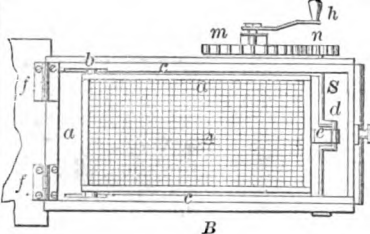
**74086**—A. S. Haven—*For Leading Cattle.*



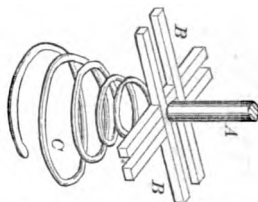
**74089**—W. J. Hoffman—*Water Wheel.*



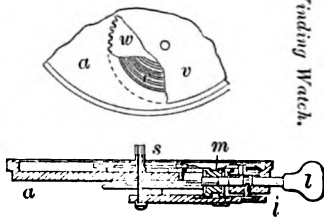
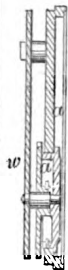
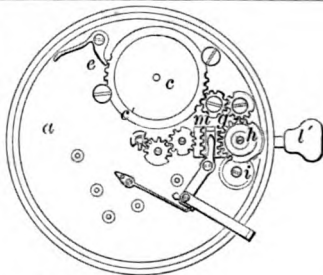
**74091**—F. A. Hoyt—*Flour Sift and Sifter.*



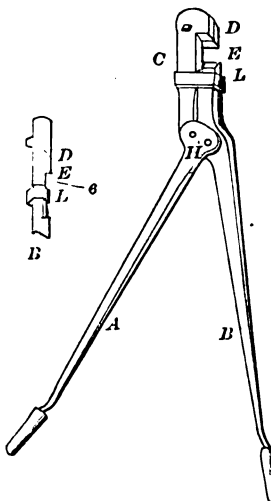
**74088**—P. Hill—*Churn.*



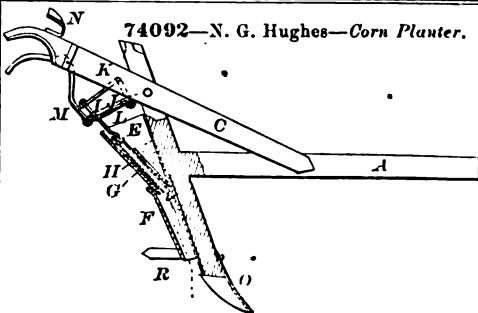
**74090**—E. Howard—*Stem Winding Watch.*



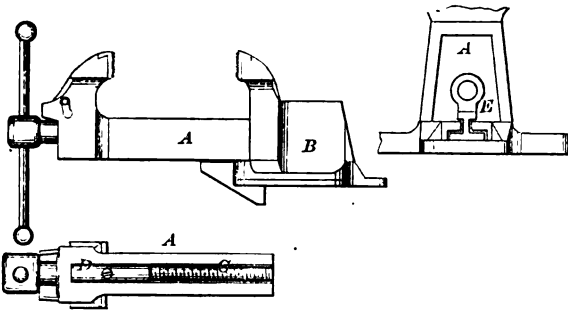
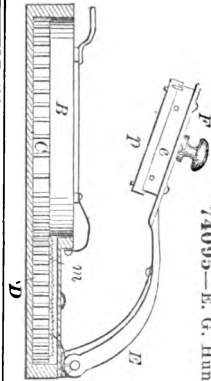
**74087**—Henry & Reist—*Bolt and Rivet Cutter.*



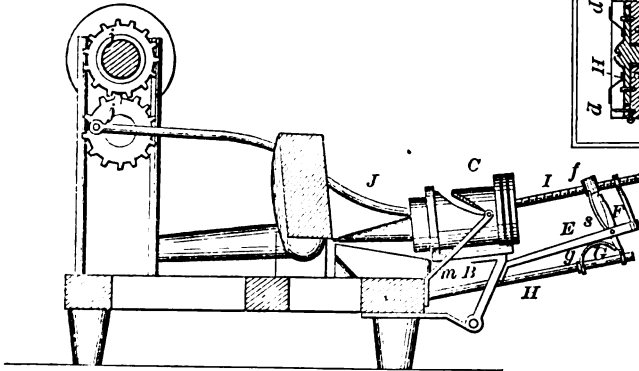
**74092**—N. G. Hughes—*Corn Planter.*



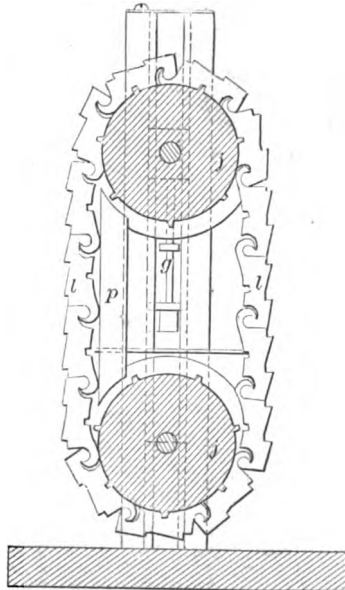
**74093—T. H. Humphreys—Vise.**

74095—E. G. Hunt—*For Cutting Cards.*

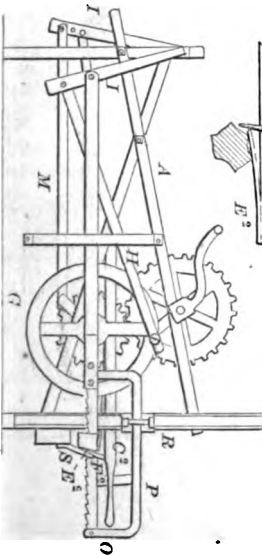
**74094—C. D. Hunt—Nail Plate Feeder.**

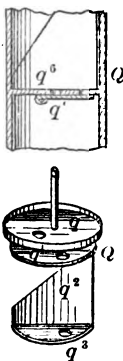
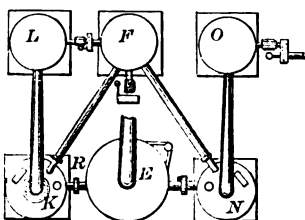
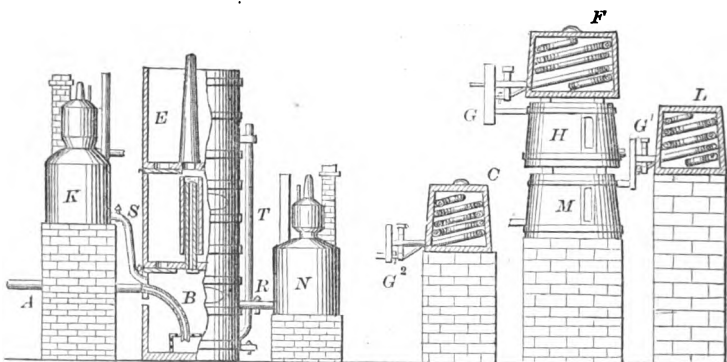
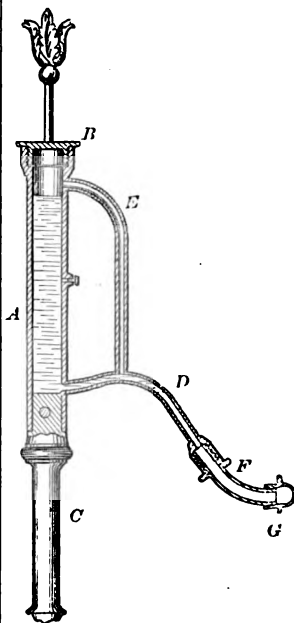
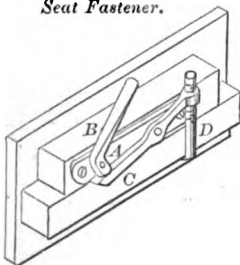
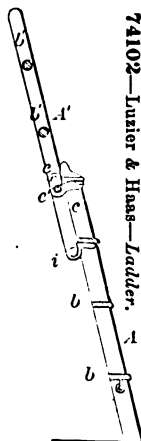
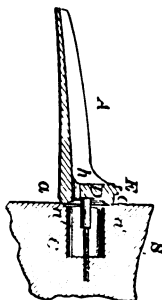
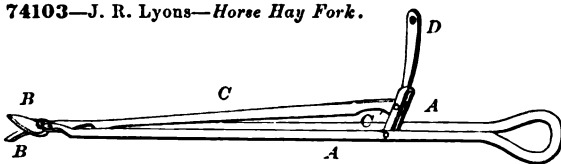


**74097—De L. Kennedy—Chain Saw**

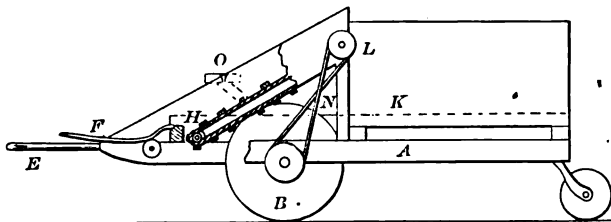


**74096—I. B. Jones—Sawing Machine.**



**74098—H. H. Kirk—Distillery.****74099—W. A. Lawton—  
Gas Torch.****74100—E. C. Lewis—  
Seat Fastener.****74102—Luxier & Haas—Ladder.****74101—R. F. Livermore—Saw Spout.****74103—J. R. Lyons—Horse Hay Fork.**

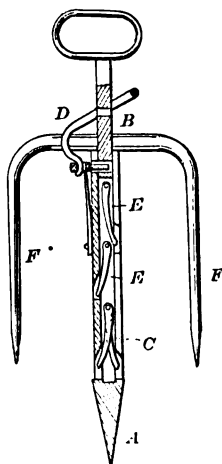
74104—J. Mains—Corn Harvester.



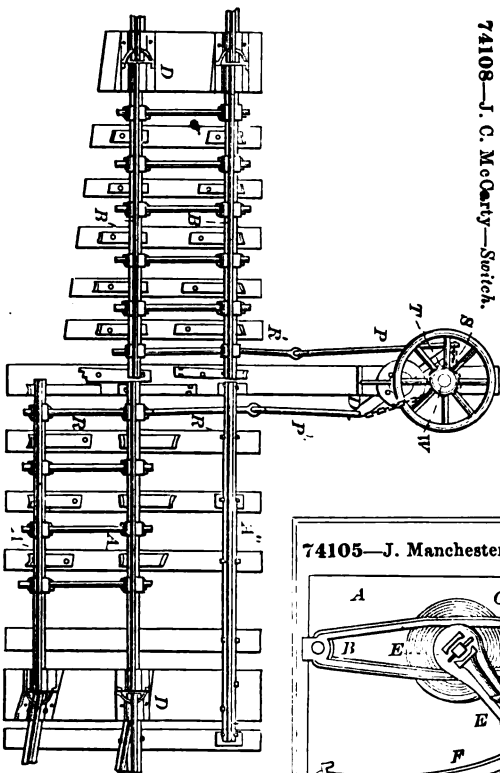
74109—J. K. McDonald—  
Eye Glass.



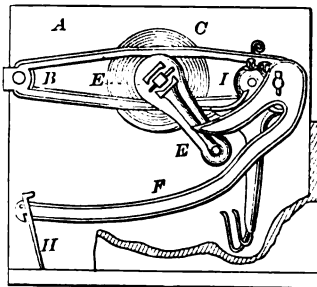
74106—L. S. Mason—Horse Hay Fork.



74108—J. C. McCarty—Switch.



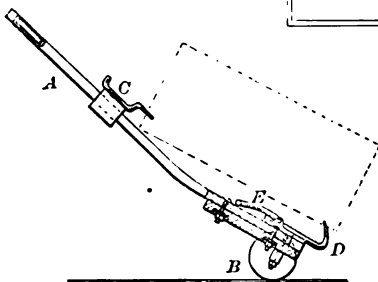
74105—J. Manchester—Animal Trap.



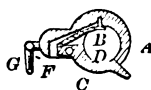
74110—H. G. McOnegal—Pavement.



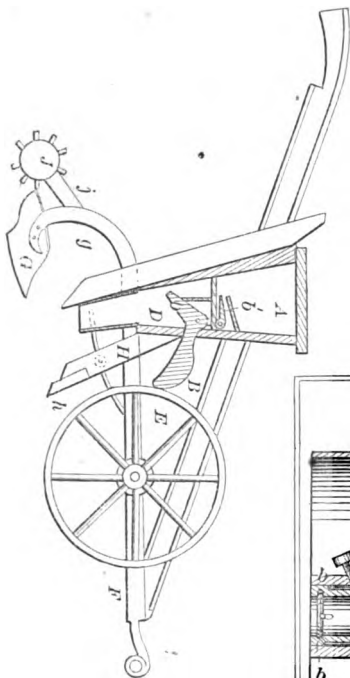
74107—W. May—Truck.



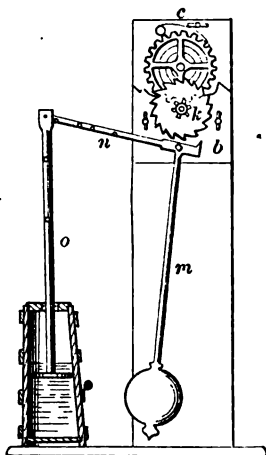
74111—J. McKibben—  
Snap Hook.



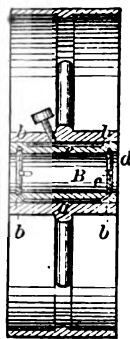
74112—W. McLucas—Corn Planter.



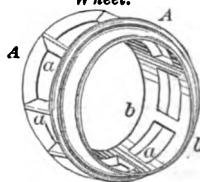
74114—J. H. Monce—For Working Churns.



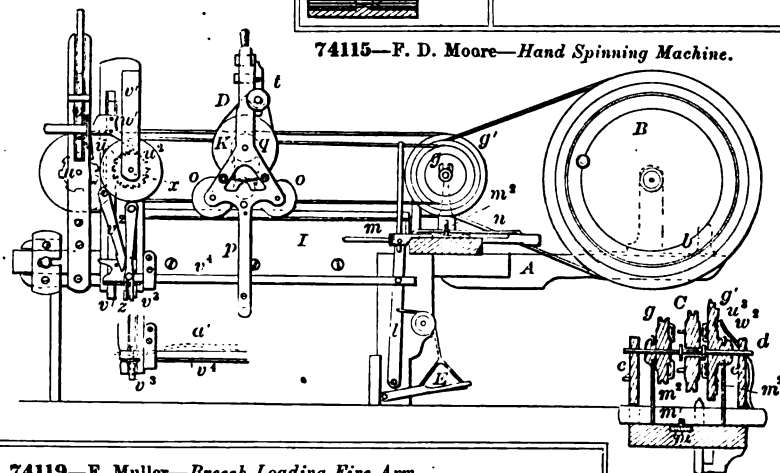
74116—Morris &amp; McCreary—Lubricator for Loose Pulleys.



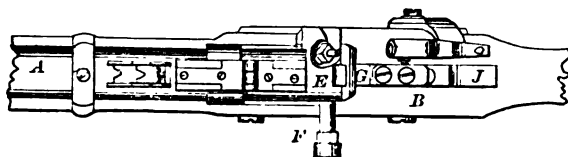
74117—W. F. Morton—Carriage Wheel.



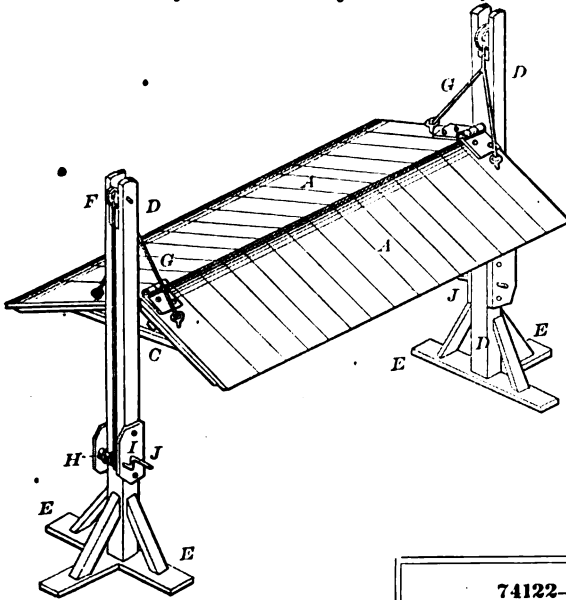
74115—F. D. Moore—Hand Spinning Machine.



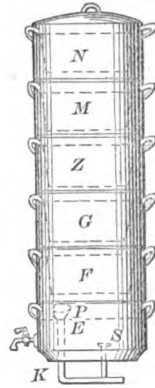
74119—F. Muller—Breech Loading Fire Arm.



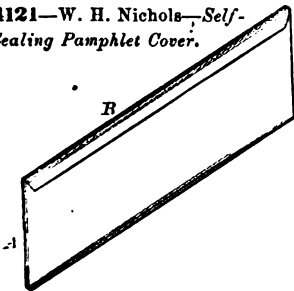
74120—J. J. Naylon—*Portable Hay and Grain Roof.*



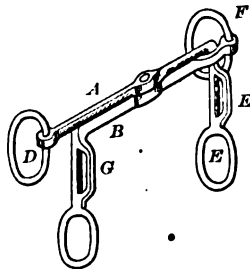
74123—J. W. Patterson—*Culinary Vessel.*



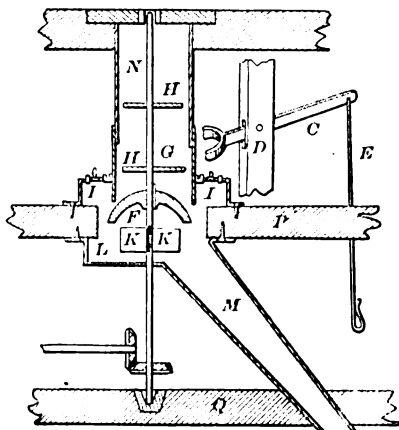
74121—W. H. Nichols—*Self-Sealing Pamphlet Cover.*



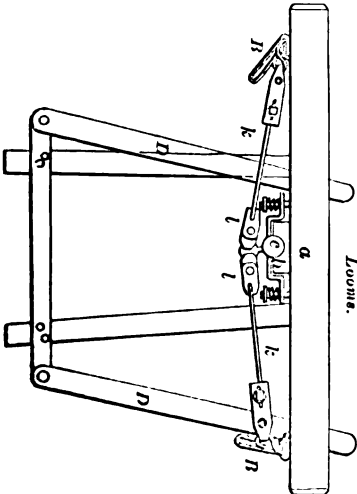
74122—J. K. Norton—*Bridle Bit.*



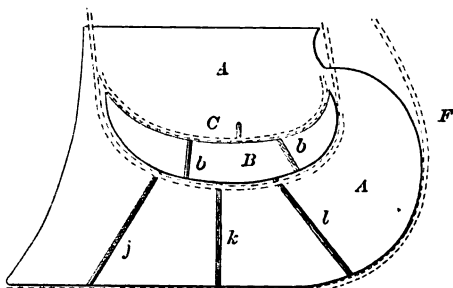
74125—W. Pickens—*Bolt Feeder and Cooler.*



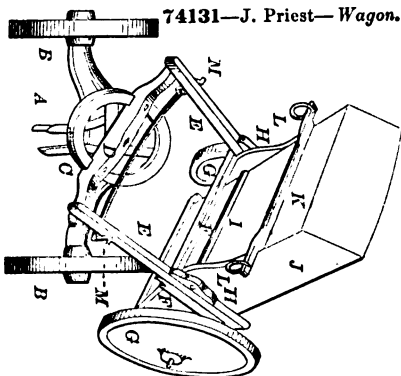
74124—E. & H. C. Phillips—*Picker Stuff Check for Looms.*



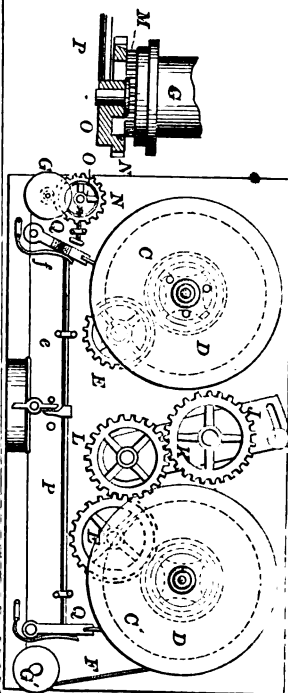
74126—D. Pierce—Pattern for Drafting Sleigh Bodies.



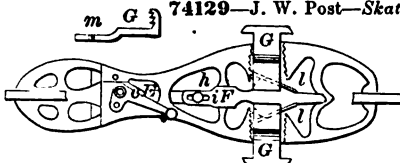
74131—J. Priest—Wagon.



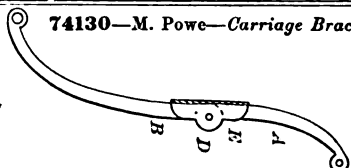
74127—A. &amp; M. Pyle—Station Indicator.



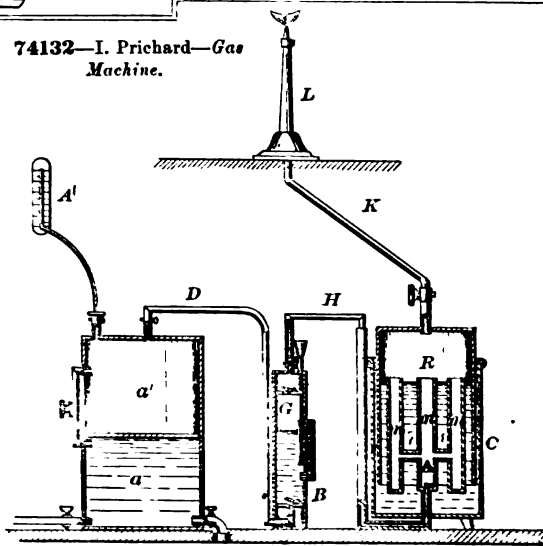
74129—J. W. Post—Skate.



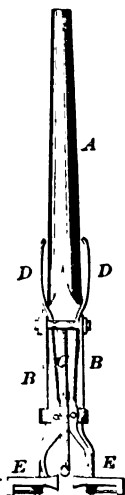
74130—M. Powe—Carriage Brace



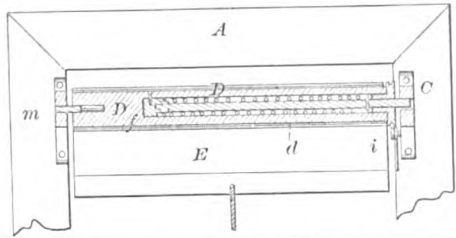
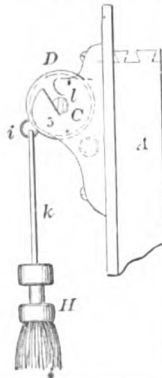
74132—I. Prichard—Gas Machine.



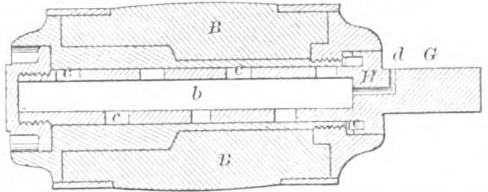
74128—Portlock &amp; Smith—Floor Clamp.



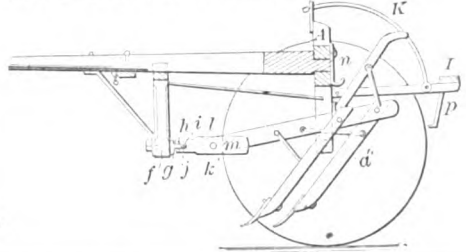
74135—S. S. Putnam—*Curtain Picture.*



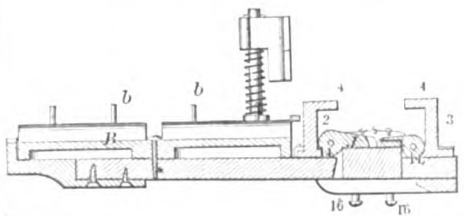
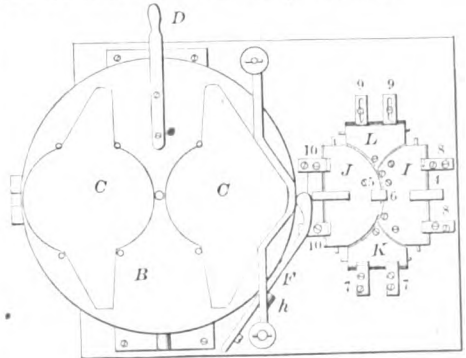
74134—S. S. Putnam—*Self-Lubricating Axle.*



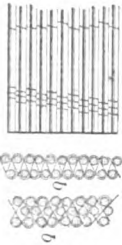
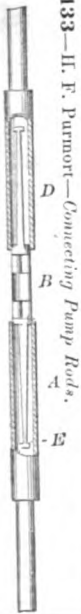
74138—J. C. Rickard—*Cultivator.*



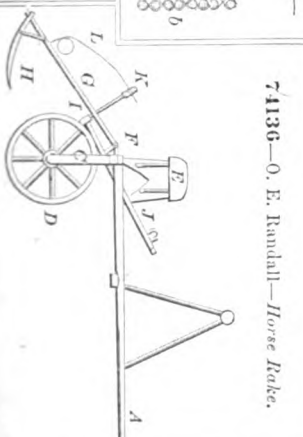
74140—A. A. Rheutan—*Envelope Machine.*



74133—H. F. Putnam—*Connecting Pump Rods.*

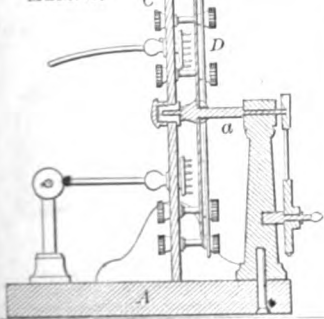


74137—E. F. Richman—*Woven Fabric.*



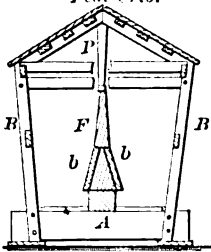
74136—O. E. Randall—*Horse Brake.*

74139—E. S. Ritchie—*Electrical Machine.*

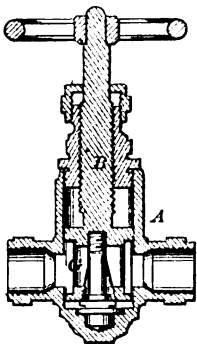
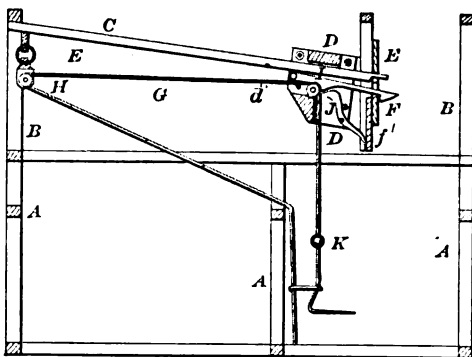




**74141**—M. S. Roberts—*Peat Crib.*

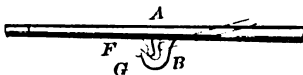


**74142**—G. M. Robinson—*For Operating Horse Hay Forks.*

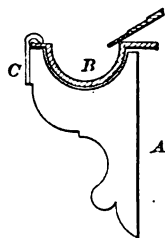
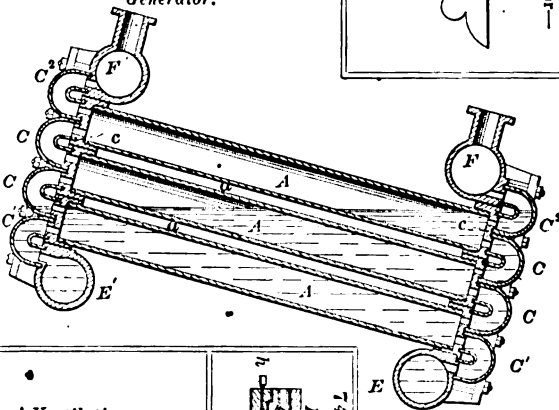


**74144**—E. A. Rock—*Globe Steam Valve.*

**74143**—N. W. Robinson—*Hold-Back Hook.*



**74146**—J. B. Root—*Steam Generator.*

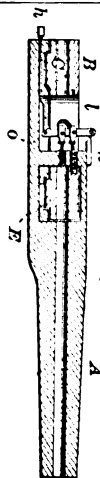
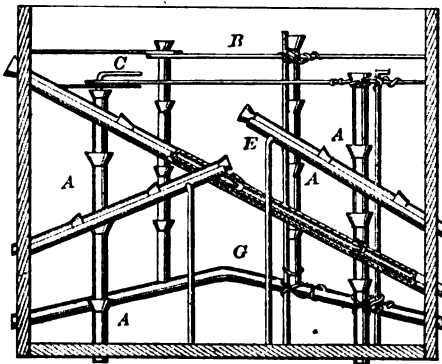


**74145**—J. E. Rohrer—*Bracket*

**74148**—C Rowland—*Leather Peg Strip.*

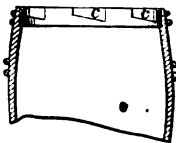
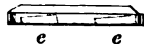


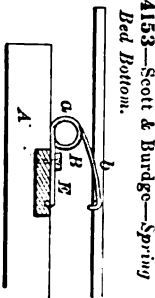
**74149**—J. Royal—*Drying and Ventilating Apparatus.*



**74152**—A. Schuster—*Revolving Cannon.*

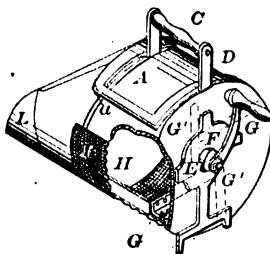
**74150**—H. D. Rumsey—*Barrel and Firkin.*



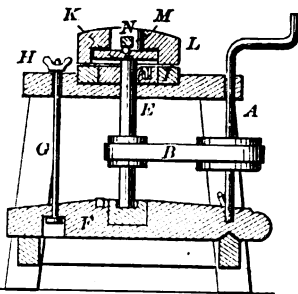


74153—Scott & Burdges—Spring Bed Bottom.

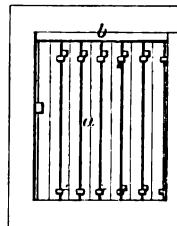
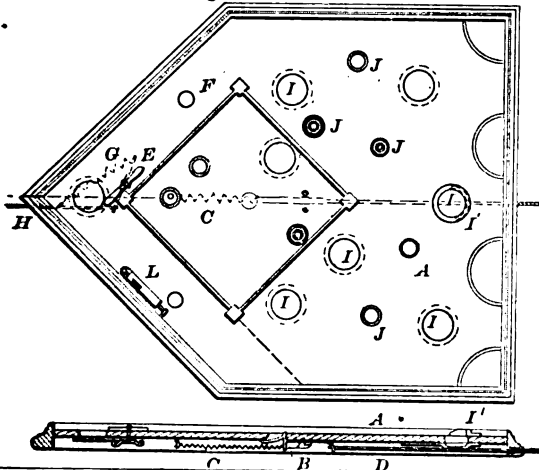
74157—G. W. & C. L. Sherman—Flour Scoop and Sifter.



74161—J. Snyder—Grinding Mill.



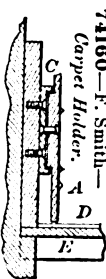
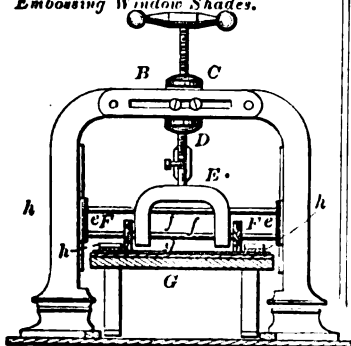
74154—F. C. Sebring—Parlor Base Ball.



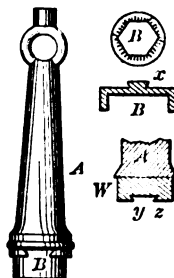
74155—S. J. Seely—Metal Shutter.



74159—Slaughter & Hundt—For Embossing Window Shades.

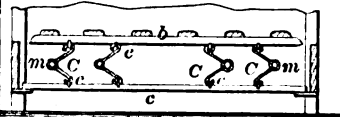


74160—F. Smith—Carpet Holder.

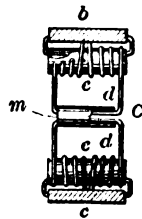
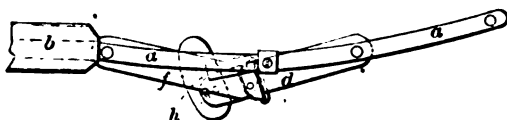


74156—J. M. Seymour—Wrench.

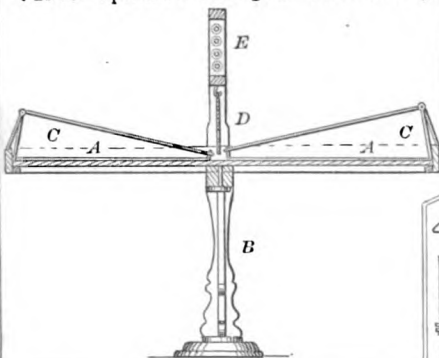
74162—S. L. Southard—Bed Bottom



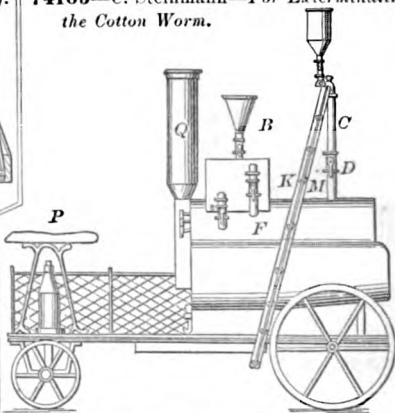
74158—J. A. Sherman—Truss.



74163—Spofford &amp; Raffington—Pistol Gallery.



74165—C. Steinmann—For Exterminating the Cotton Worm.



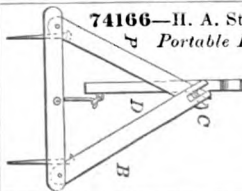
74164—Spofford &amp; Raffington—Adjustable Ball Holder for Games.



74168—J. B. Stoner—Life Preserving Apparatus.



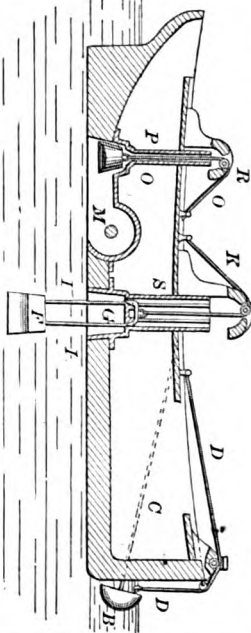
74166—H. A. Stewart—Portable Fence.



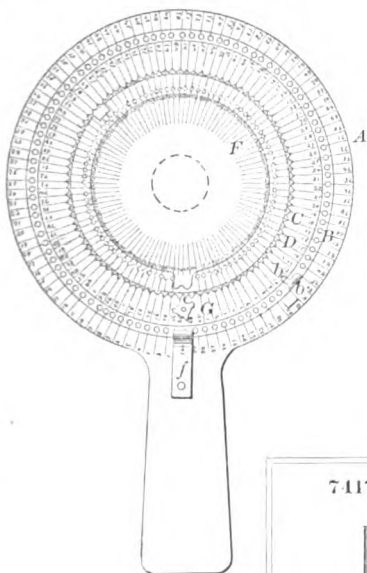
74167—P. Stone—Box Opener.



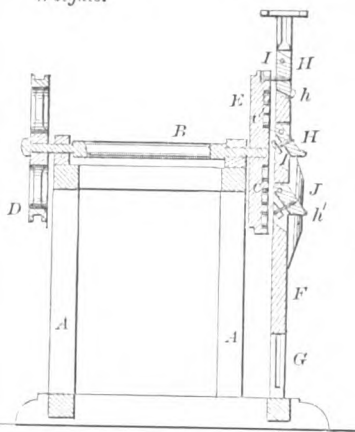
74169—J. B. Stoner—Ballasting Vessels.



74170—T. T. Strobe—Calculating Machine.



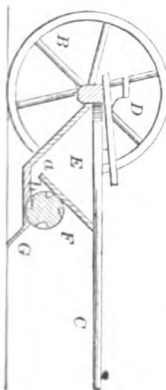
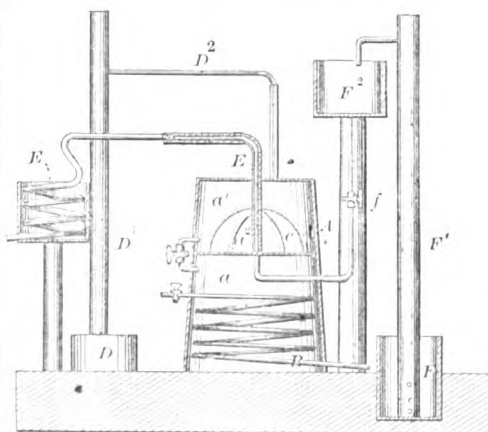
74173—S. E. Tuttle—For Raising Heavy Weights.



74172—C. B. Turner—Rotary Steam Engine.

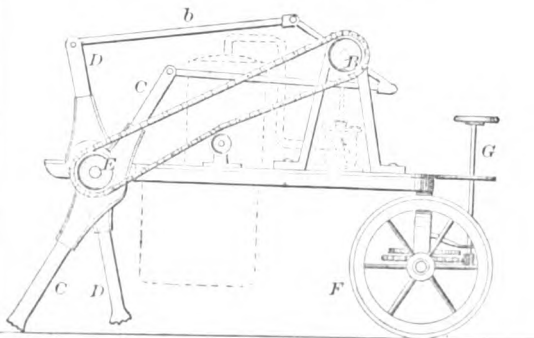


74174—R. L. Vance—Vinegar Still.

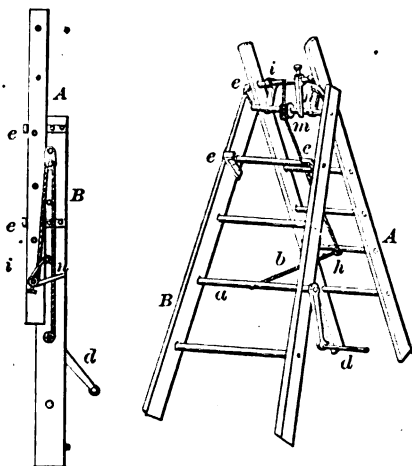


74171—S. Thomson—Broadcast Seeding Machine.

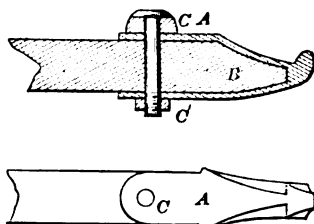
74176—R. C. Vernol—Walking Vehicle.



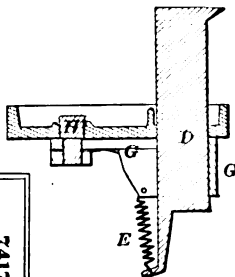
74177—G. S. Walker—Step Ladder.



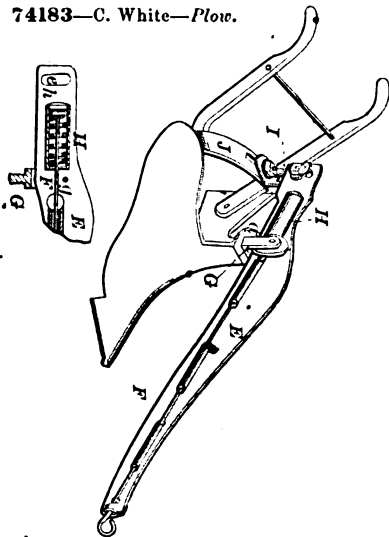
74178—Warburton &amp; Bendir—Spring Bar for Carriages.



74182—C. H. Weston—Bench Hook.



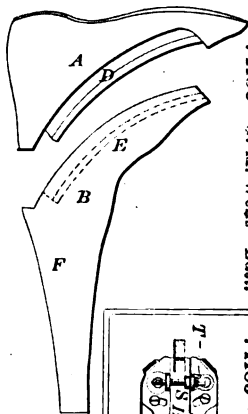
74183—C. White—Plow.



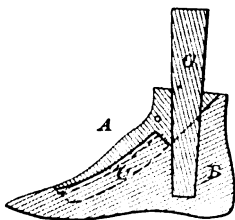
74179—C. M. H. Warren—Pen Holder.



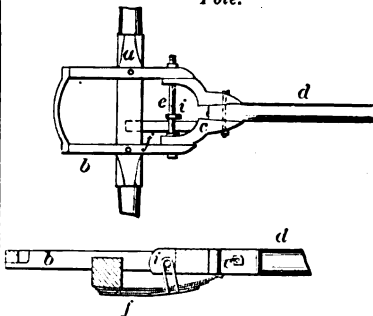
74180—J. M. Wells—Last.



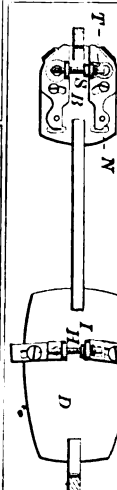
74181—G. M. Wells—Last.



74184—S. B. Whitney—Carriage Draft Pole.



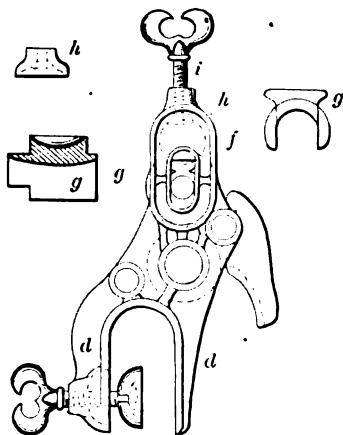
74185—A. Woolham—Skate Fastening.



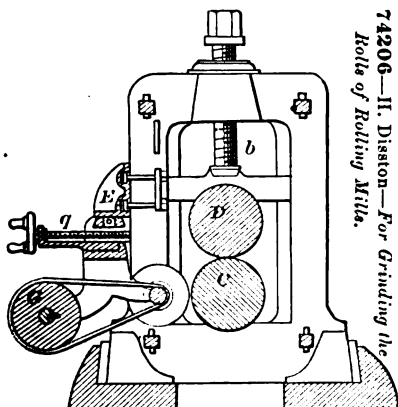
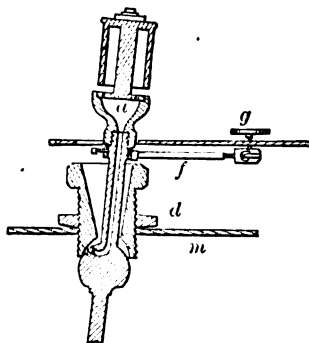




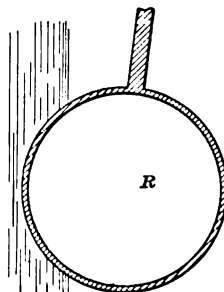
74201—E. H. Covel—Clothes Wringer.



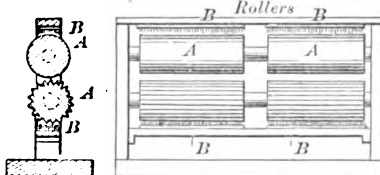
74204—C. Delafield—Water Gauge.



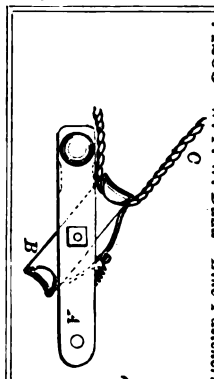
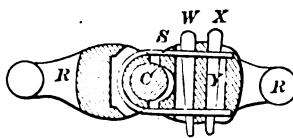
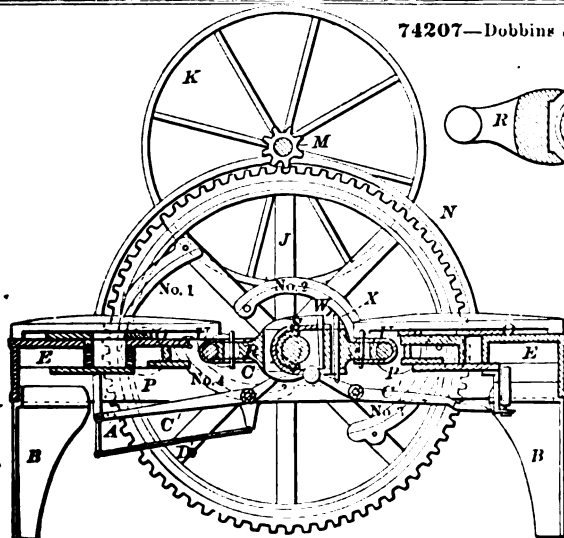
74206—H. Disston—For Grinding the Rolls of Rolling Mills.



74202—D. Crowley—Cleaner for Drawing



74207—Dobbins & Richards—Brick Machine.



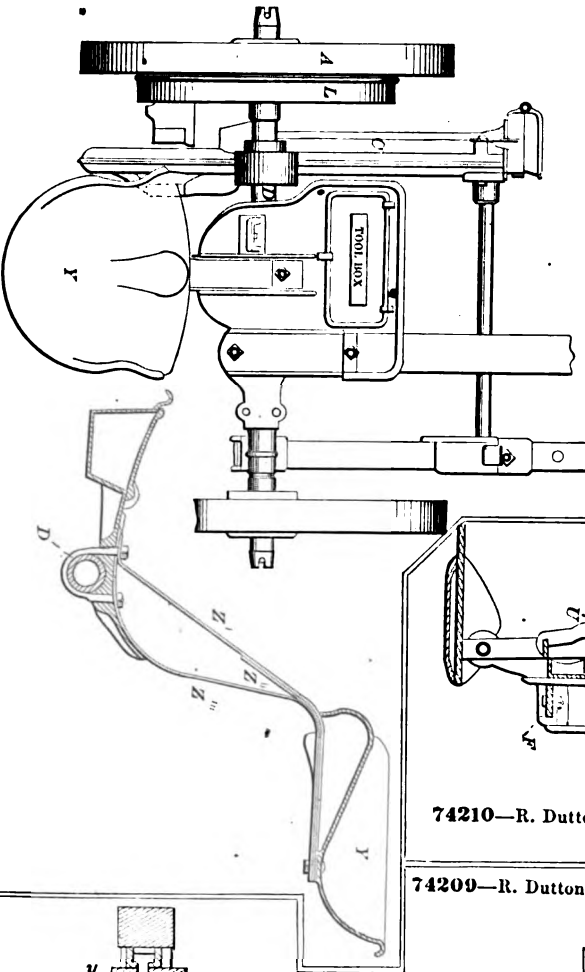
74203—W. P. W. Dana—Line Fastener.



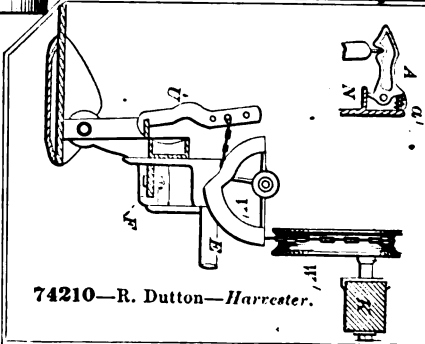
74211—R. Dutton—Harvester Cutting Apparatus.



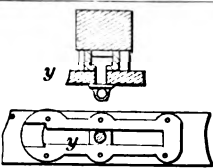
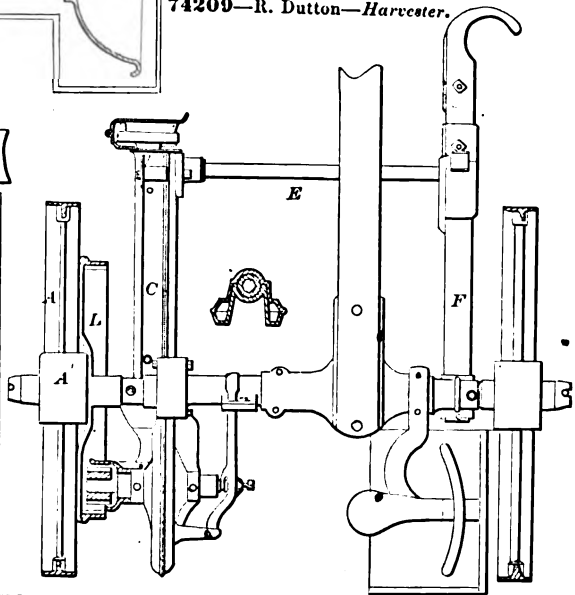
74208—R. Dutton—Harvester.



74210—R. Dutton—Harvester.



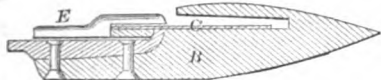
74209—R. Dutton—Harvester.



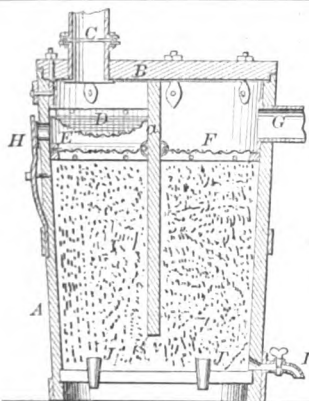
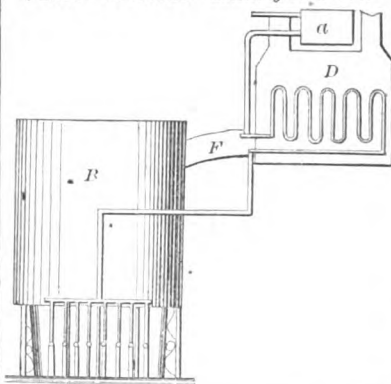
74212—R. Dutton—Harvester Cutting Apparatus.



**74213**—R. Dutton—*Harvester Cutting Apparatus.*

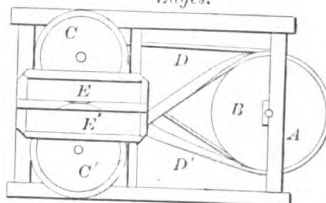


**74217**—A. Hamar—*Smelting Iron Ore.*

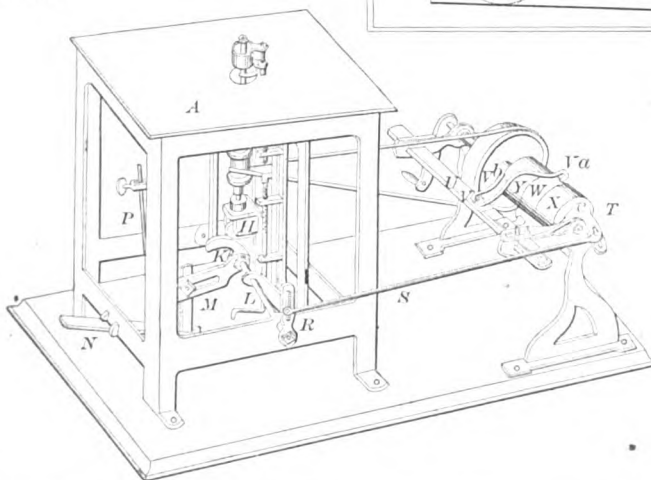


**74215**—Granner & Bader—*Cistern Filter.*

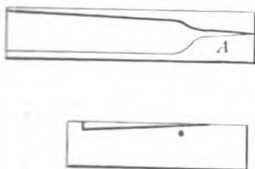
**74216**—S. Hagaman—*For Beveling Slate Edges.*



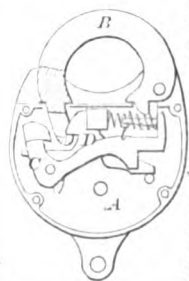
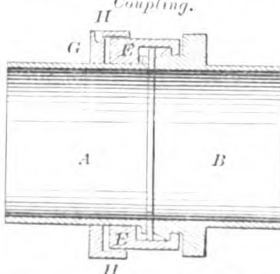
**74218**—D. A. Harris—*Wood Planing Machine.*



**74214**—W. Fosket—*For Grinding Cutlery.*

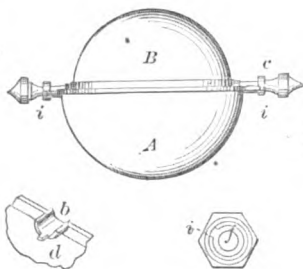


**74219**—C. F. Hartwig—*Hose Coupling.*

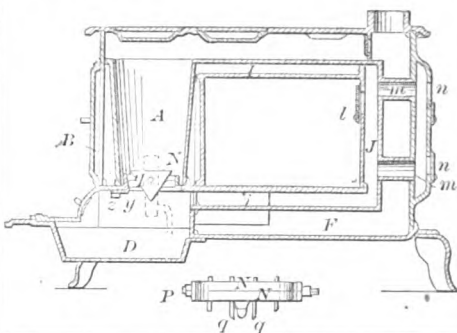


**74220**—W. Harvey—*Padlock.*

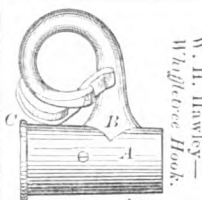
74221—W. E. Hawkins—Butter Dish.



74228—J. L. Kastendike—Cooking Stove.

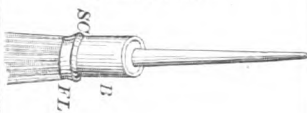


74226—H. Hall—Hog Loader.



74222—W. H. Hawley—Whistle Hook.

74224—G. Hergesheimer—Brush Bridle.



74227—F. E. Jewett—Operating Window Shutters.

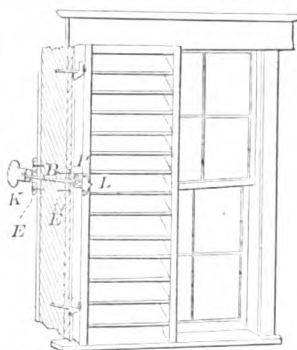
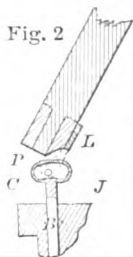
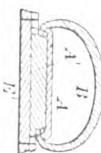


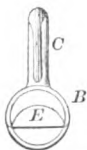
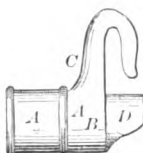
Fig. 2



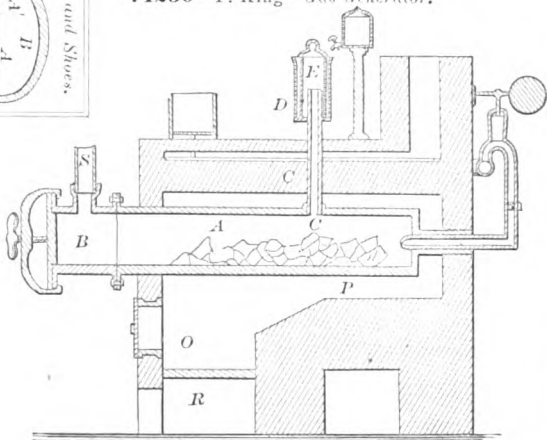
74229—W. A. J. Kents—Boots and Shoes.

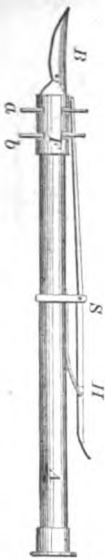


74223—W. H. Hawley—Whistle Hook.



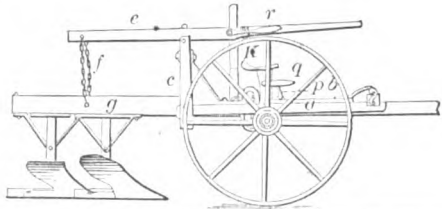
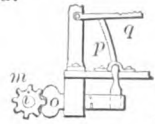
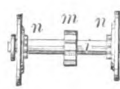
74230—F. King—Gas Generator.



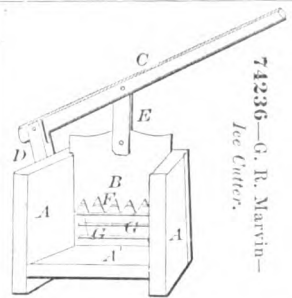
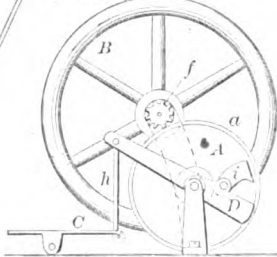


74231—J. S. Lawson—*Hand Corn Planter.*

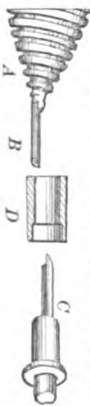
74238—W. W. Mathews—*Gang Plow.*



74234—S. Marden—*For Obtaining Motion.*



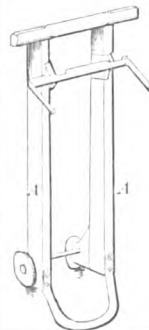
74236—G. R. Marvin—*Ice Cutter.*



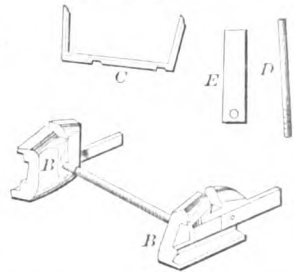
74233—D. Manuel—*For Making Wire Springs.*



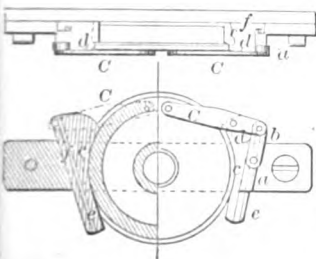
74237—J. A. Mason—*Fastening Tool.*



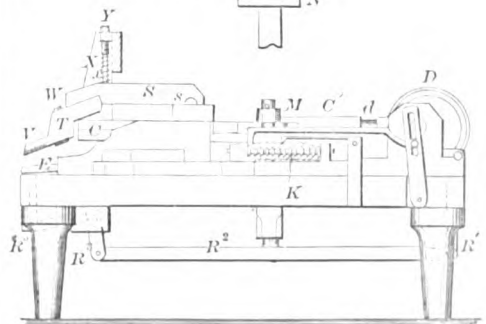
74232—J. S. Lehman—*Bag Holding Apparatus.*

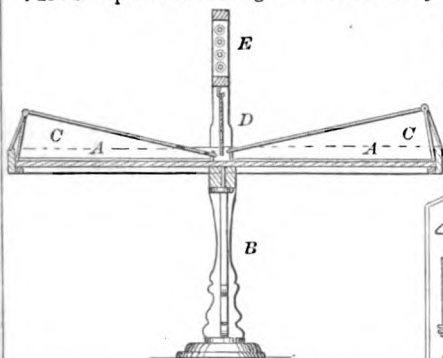
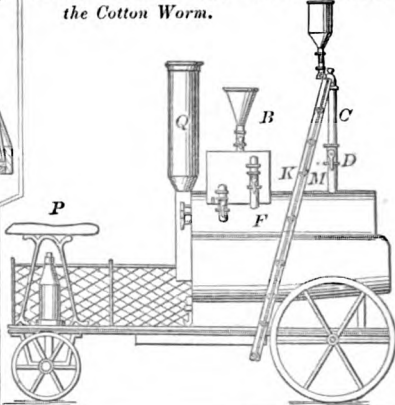
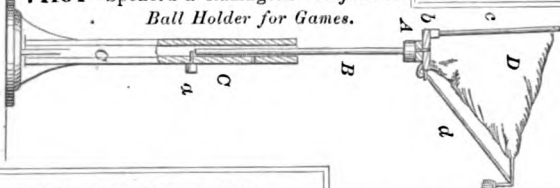
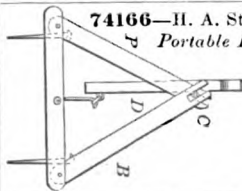
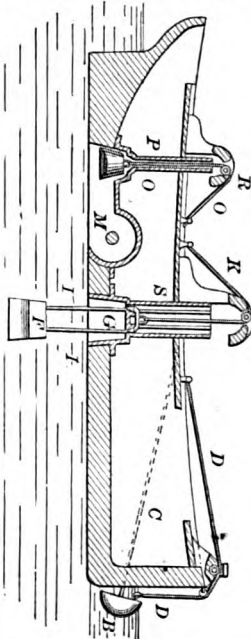


74235—S. Marden—*Car Brake.*

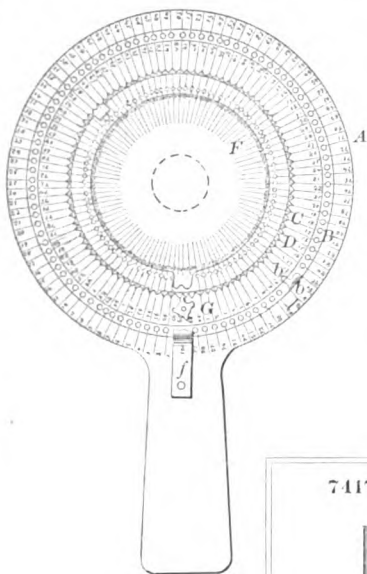


74239—N. Millington—*For Graduating Rules.*

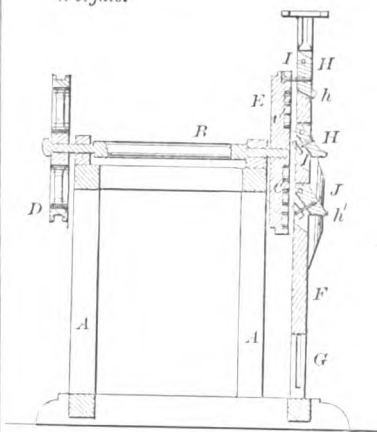


**74163**—Spofford & Raffington—*Pistol Gallery.***74165**—C. Steinmann—*For Exterminating the Cotton Worm.***74164**—Spofford & Raffington—*Adjustable Ball Holder for Games.***74168**—J. B. Stoner—*Life Preserving Apparatus.***74166**—H. A. Stewart—*Portable Fence.***74167**—P. Stone—*Box Opener.***74169**—J. B. Stoner—*Ballasting Vessels.*

74170—T. T. Strode—Calculating Machine.



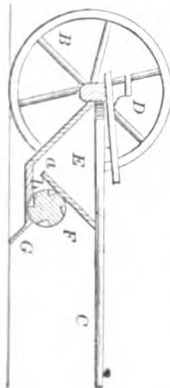
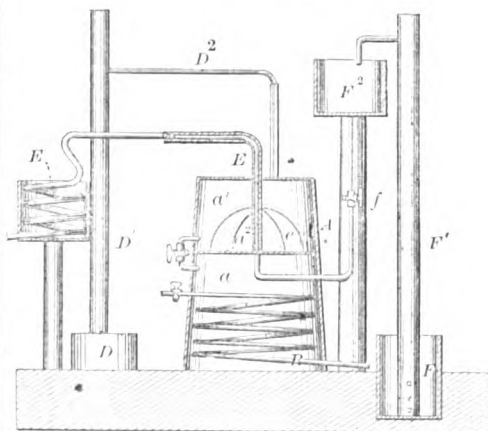
74173—S. E. Tuttle—For Raising Heavy Weights.



74172—C. B. Turner—  
Rotary Steam Engine.

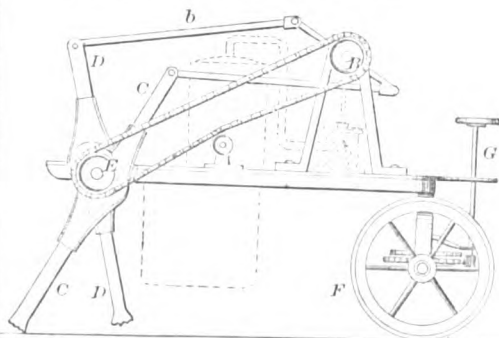


74174—R. L. Vance—Vinegar Still.

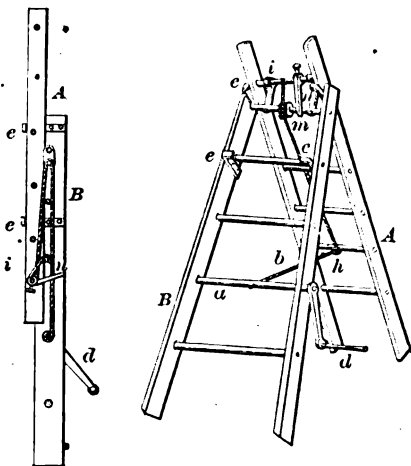


74171—S. Thomson—Broadcast Seeding Machine.

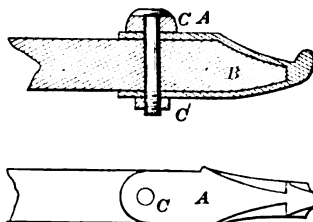
74176—R. C. Vernol—Walking Vehicle.



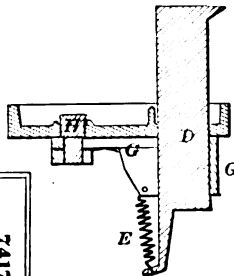
74177—G. S. Walker—Step Ladder.



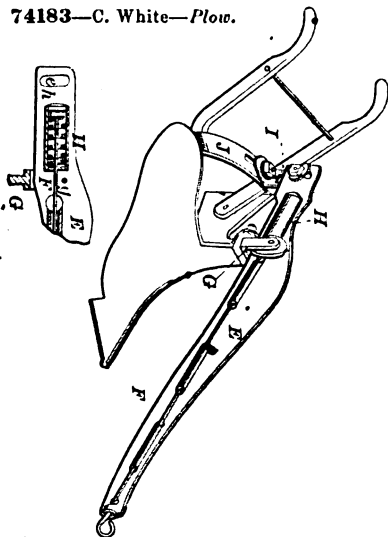
74178—Warburton &amp; Bendir—Spring Bar for Carriages.



74182—C. H. Weston—Bench Hook.



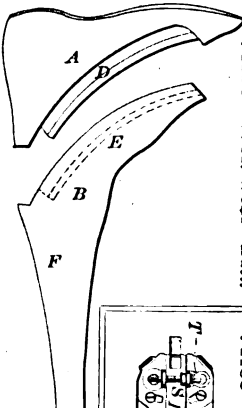
74183—C. White—Plow.



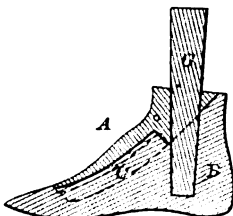
74179—C. M. H. Warren—Pen Holder.



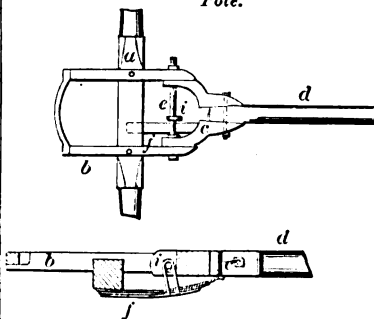
74180—J. M. Wells—Last.



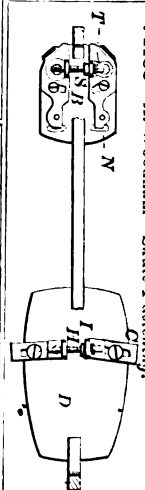
74181—G. M. Wells—Last.



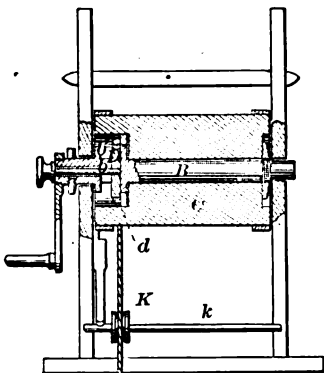
74184—S. B. Whitney—Carriage Draft Pole.



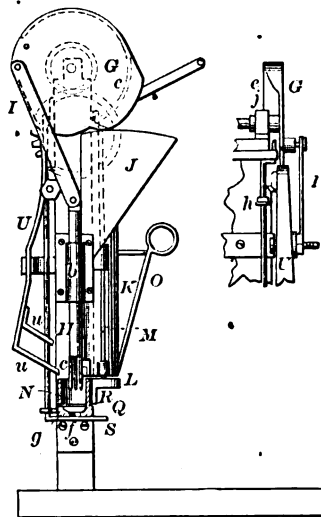
74185—A. Woodham—Skate Fastening.



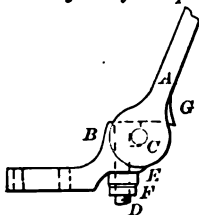
**74186—C. F. Woodruff—Water Elevator.**



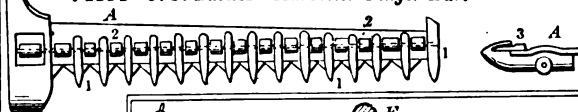
**74187—R. Wright—*Cherry Stoner.***



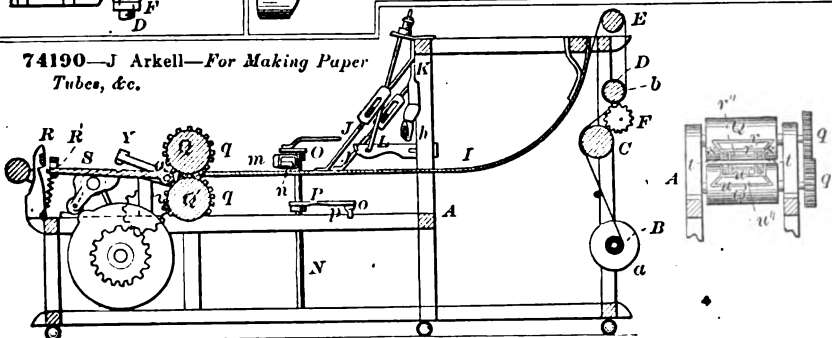
**74189—E A. Harvey—**  
*Carriage Shaft Coupling.*



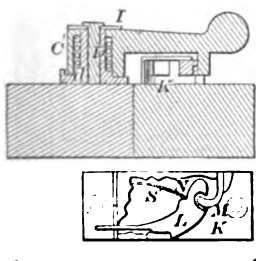
**74191—J. J. Barnes—*Harvester Finger Bar.***



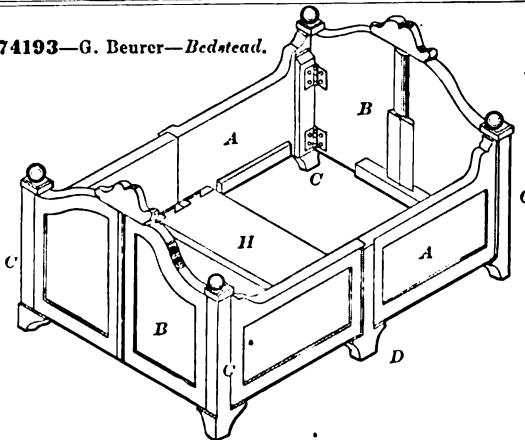
**74190—J Arkell—*For Making Paper Tubes, &c.***



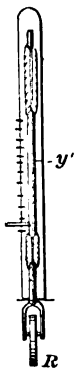
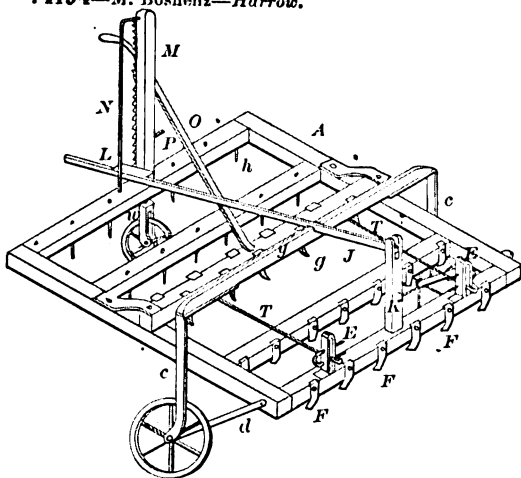
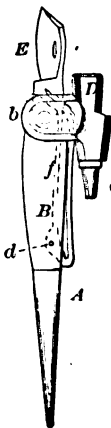
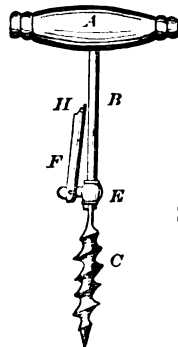
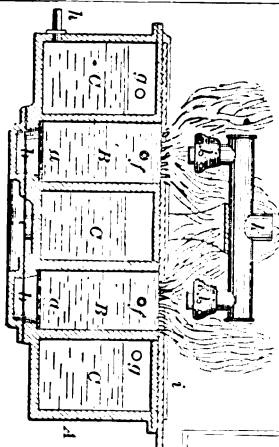
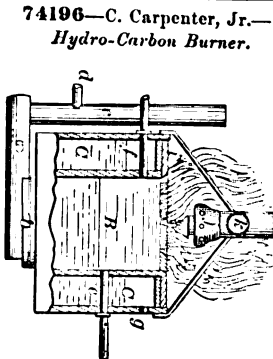
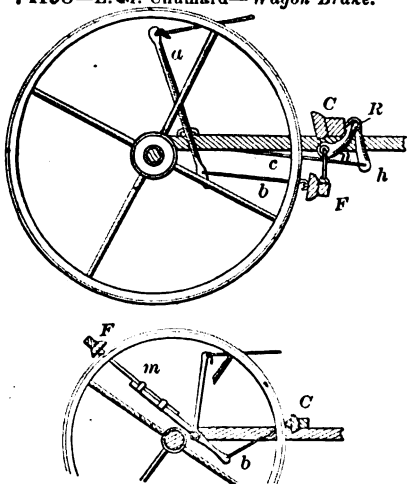
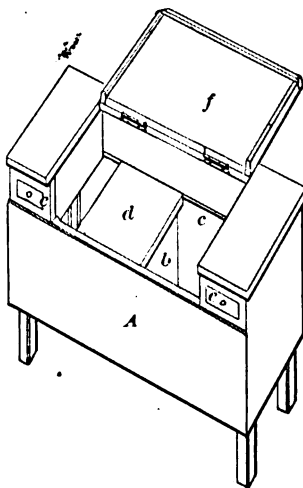
**74192—R. Bates—Window  
Sash Fastener.**



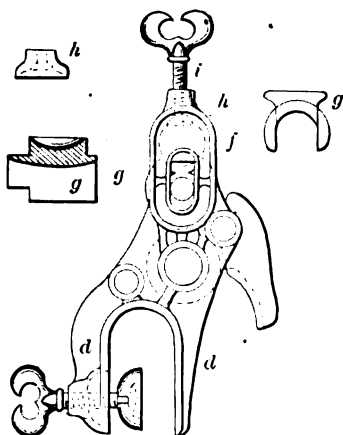
**74193—G. Beurer—*Bcdstead.***



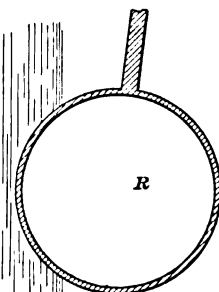
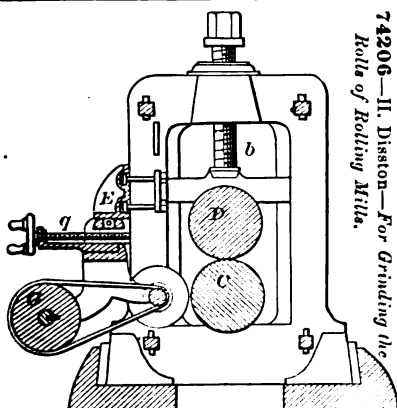
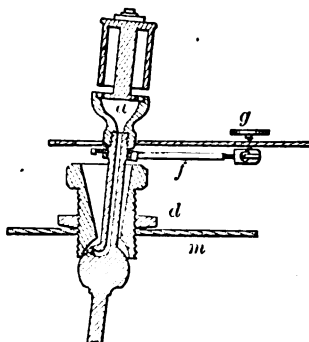


74194—M. Büshenz—*Harrow.*74197—J. T. Carson—*Hell Punch.*74196—C. Carpenter, Jr.—*Hydro-Carbon Burner.*74199—S. E. Clapp—*Corker.*74198—E. M. Chumard—*Wagon Brake.*74200—T. J. Corr—*Meal Chest.*

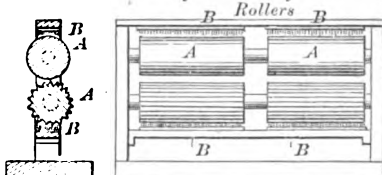
74201—E. H. Covel—Clothes Wringer.



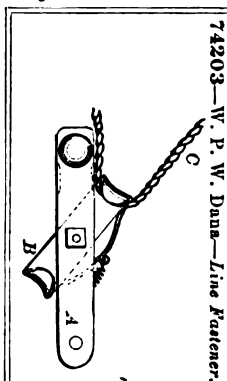
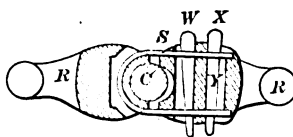
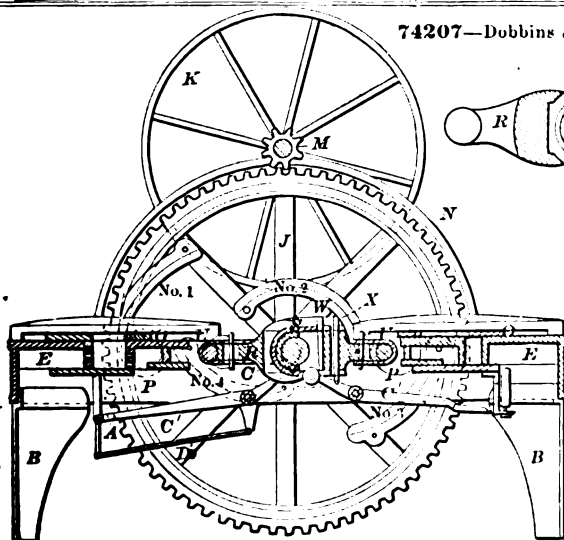
74204—C. Delafield—Water Gauge.



74202—D. Crowley—Cleaner for Drawing



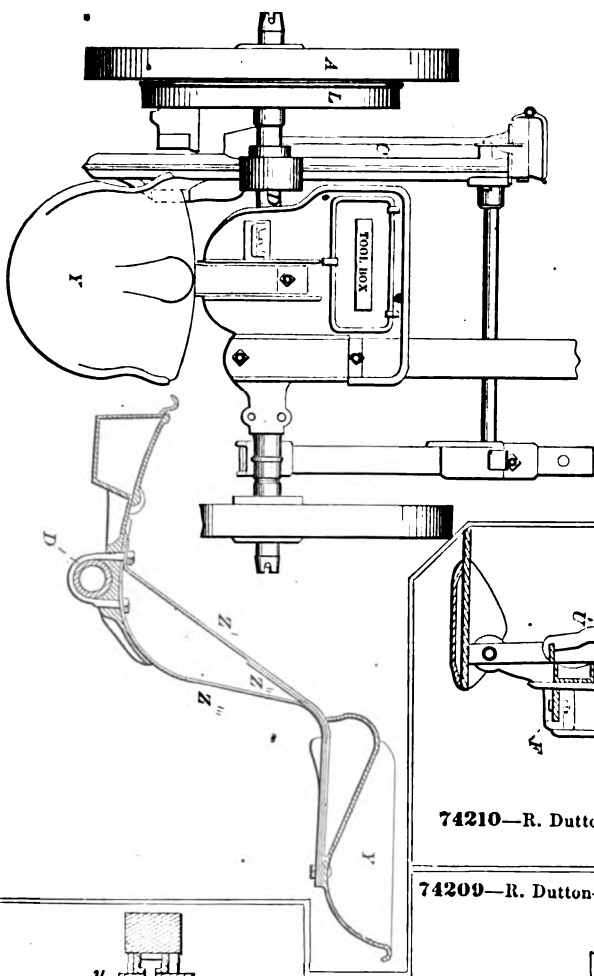
74207—Dobbins & Richards—Brick Machine.



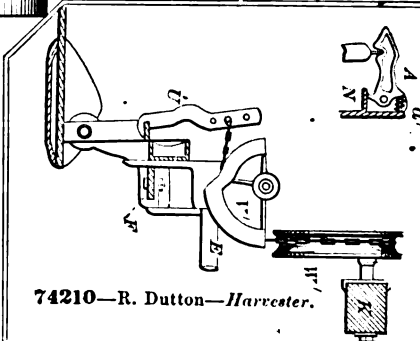
74211—R. Dutton—Harvester Cutting Apparatus.



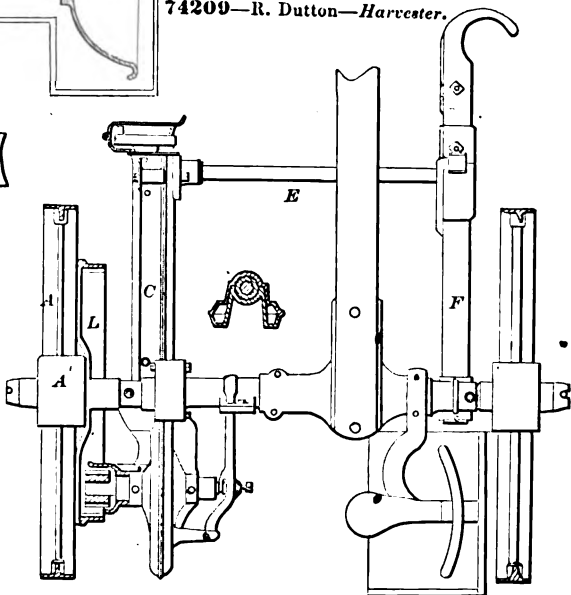
74208—R. Dutton—Harvester.



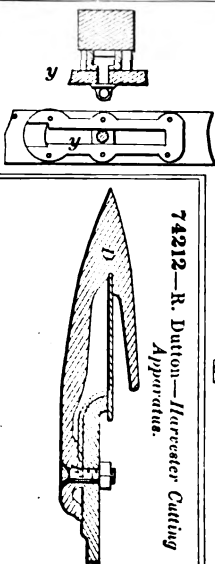
74210—R. Dutton—Harvester.



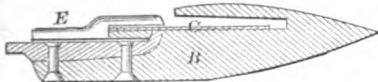
74209—R. Dutton—Harvester.



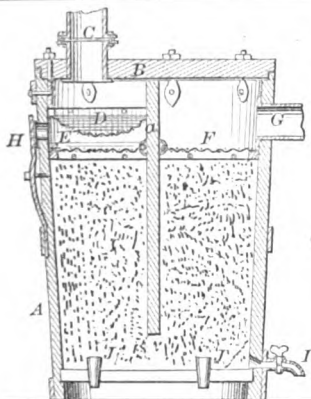
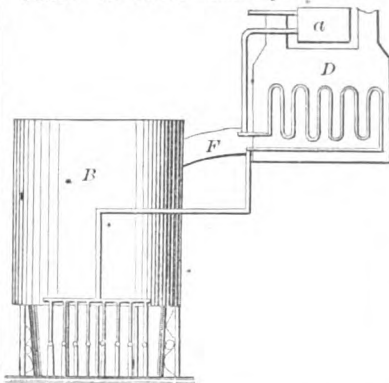
74212—R. Dutton—Harvester Cutting Apparatus.



**74213**—R. Dutton—*Harvester Cutting Apparatus.*

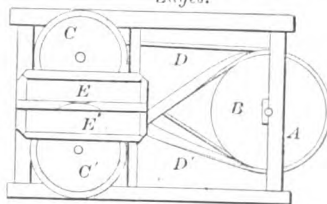


**74217**—A. Hamar—*Smelting Iron Ore.*

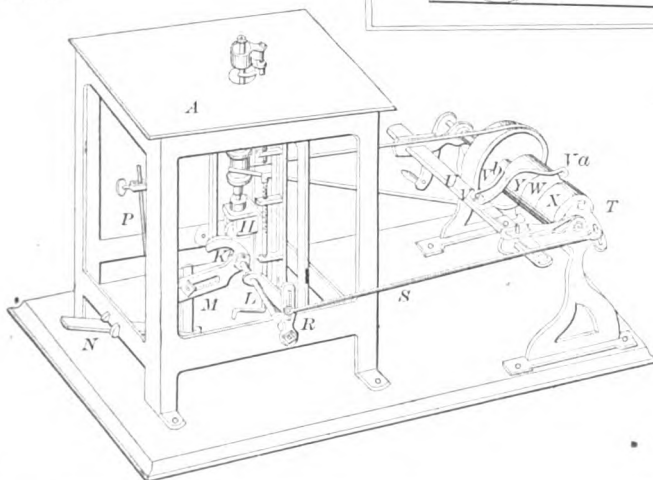


**74215**—Canner & Boiler—*Distern Filter.*

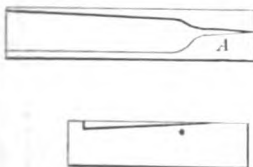
**74216**—S. Hagaman—*For Beveling Slate Edges.*



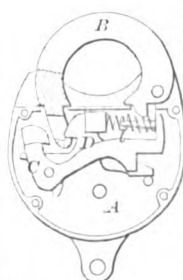
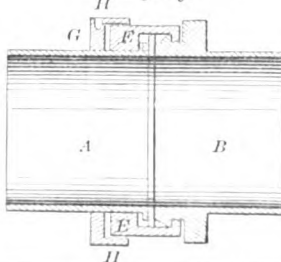
**74218**—D. A. Harris—*Wood Planing Machine.*



**74214**—W. Fosket—*For Grinding Cutlery.*



**74219**—C. F. Hartwig—*Hose Coupling.*



**74220**—W. Harvey—*Padlock.*

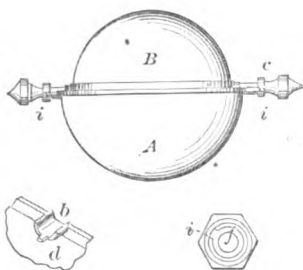
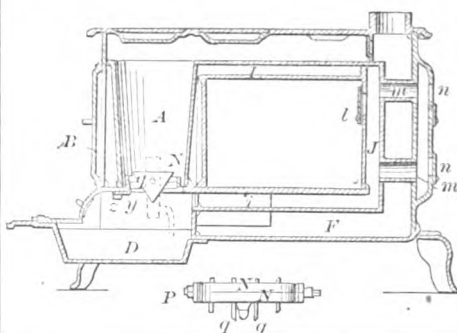
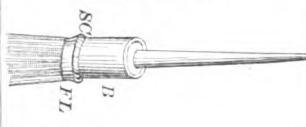
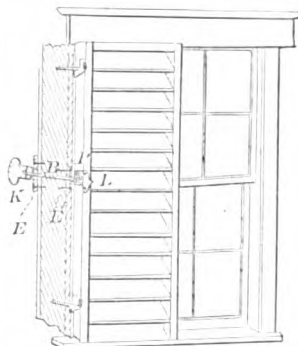
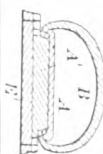
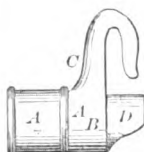
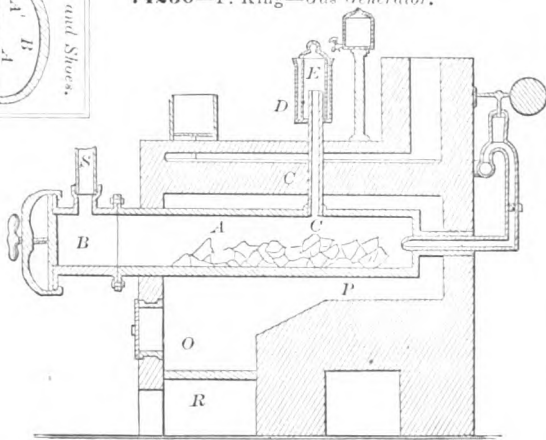
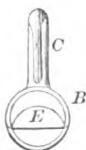
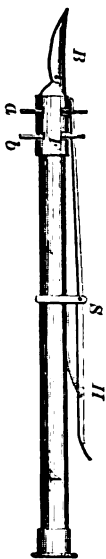
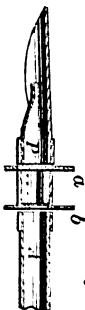
74221—W. E. Hawkins—*Butter Dish.*74228—J. L. Kastendike—*Cooking Stove.*74226—H. Hull—*Hog Loader.*74222—W. H. Hawley—*Whiffletree Hook.*74224—G. Hergesheimer—*Brush Bridle.*74227—S. E. Jewett—*Operating Window Shutters.*

Fig. 2

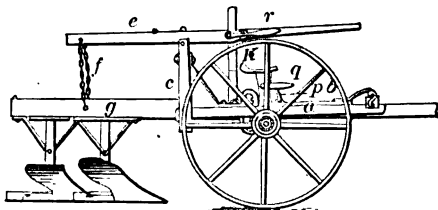
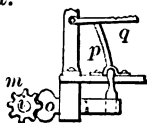
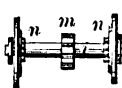
74229—W. & J. Keats—*Boots and Shoes.*74230—F. King—*Gas Generator.*74223—W. H. Hawley—*Whiffletree Hook.*



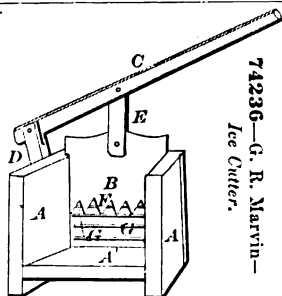
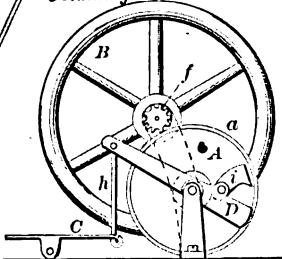
74231—J. S. Lawson—*Hand Corn Planter.*



74238—W. W. Mathews—*Gang Plow.*



74234—S. Marden—*For Obtaining Motion.*



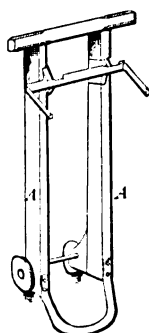
74236—G. R. Marvin—*Ice Cutter.*



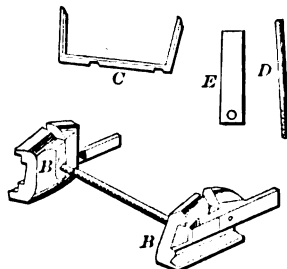
74233—D. Manuel—*For Making Wire Springs.*



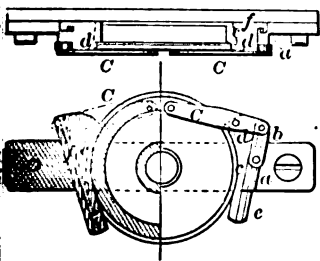
74237—J. A. Mason—*Fastening Tool.*



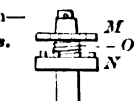
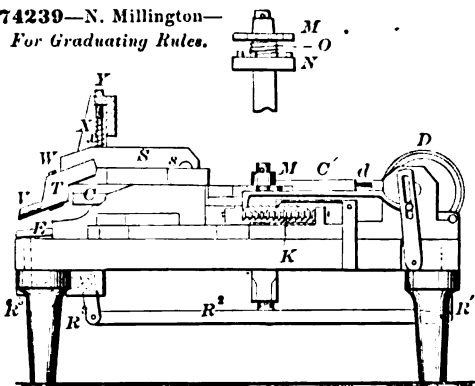
74232—J. S. Lehman—*Bag Holding Apparatus.*



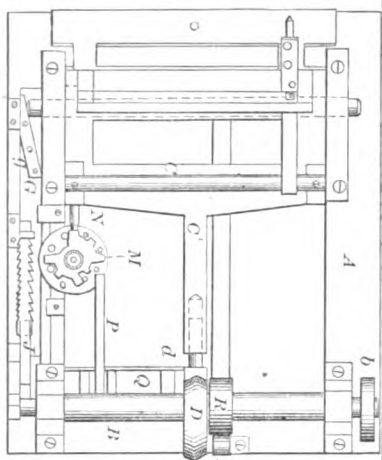
74235—S. Marden—*Car Brake.*



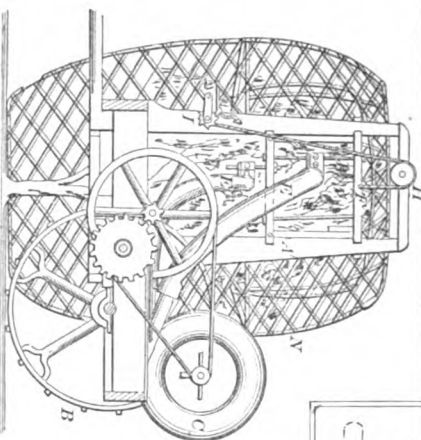
74239—N. Millington—*For Graduating Rules.*



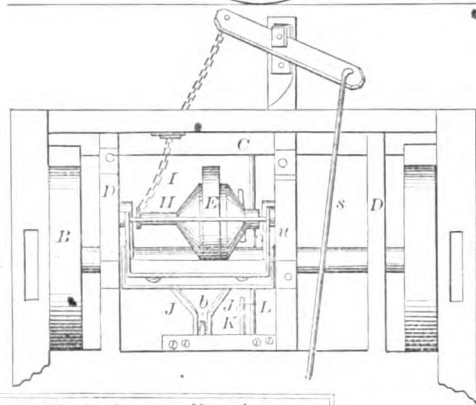
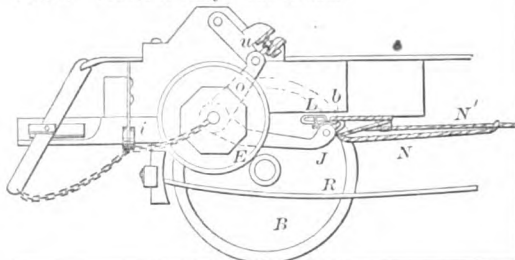
74239—Continued.



74242—Payne &amp; Vandecar—Cotton Picker.



74240—Moore &amp; Gary—Car Brake.



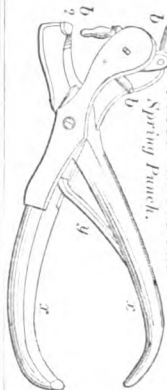
74246—C. Quarry—Cigar.



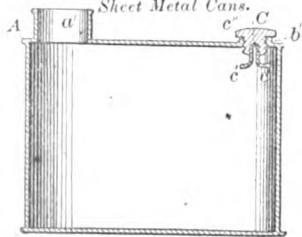
74243—Pond &amp; Ballentine—Wedge Buckle.



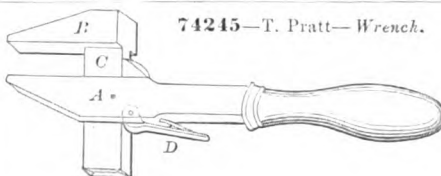
74241—A. T. Noble—Spring Punch.



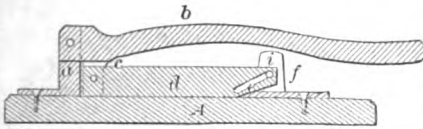
74244—R. Porter—Vent for Sheet Metal Cans.



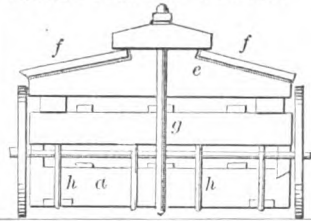
74245—T. Pratt—Wrench.



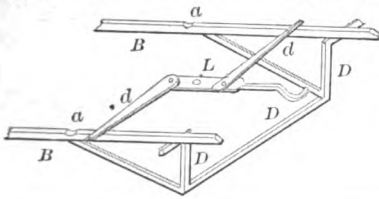
74248—D. T. Robinson—For Cutting Tobacco.



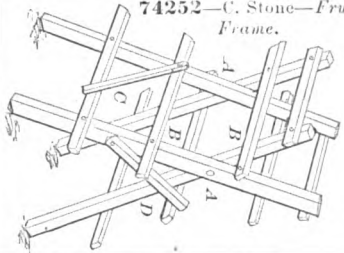
74255—D. E. Teal—Peat Car.



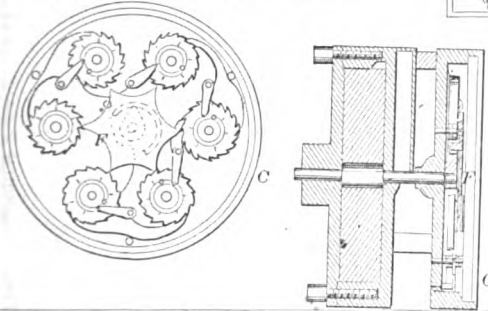
74251—G. R. & C. H. Sneath—Tilting Wagon.



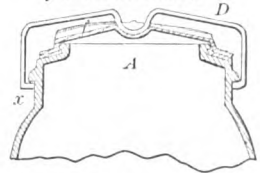
74252—C. Stone—Fruit Frame.



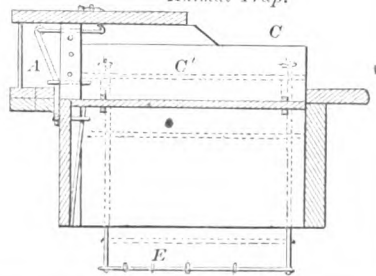
74254—J. Taggart—Water Meter.



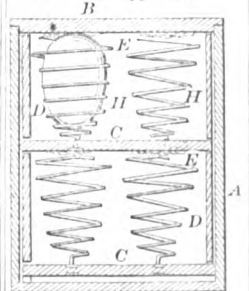
74249—S. B. Rowley—Cap for Preserve Jars.



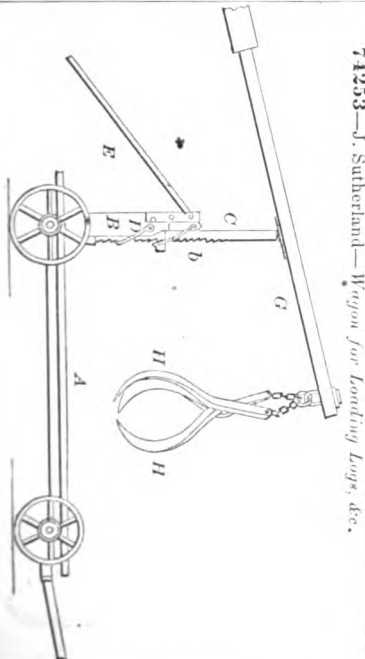
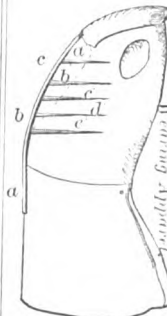
74256—A. C. Thomas—Animal Trap.



74257—A. Thomas—Packing Eggs, &c.



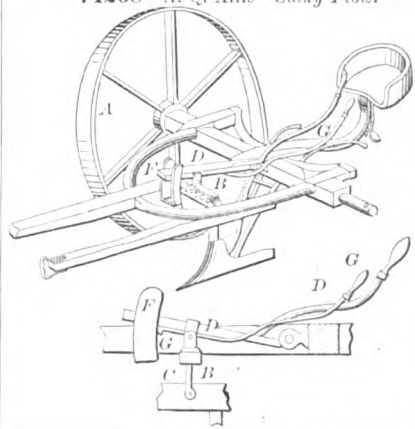
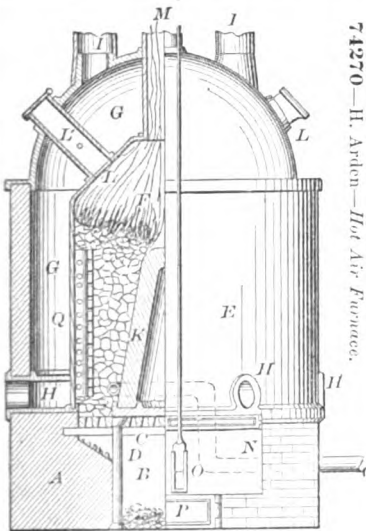
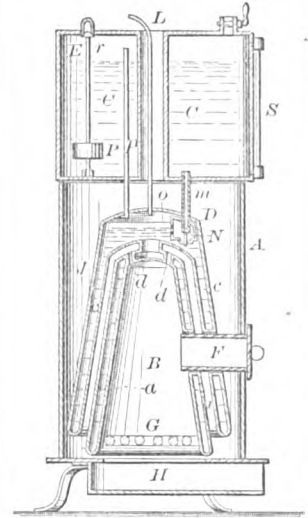
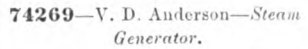
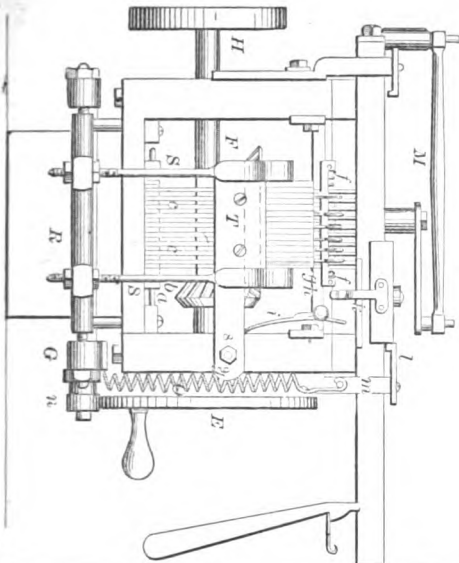
74250—J. Sloan—For Stiffening Herring Apparatus.

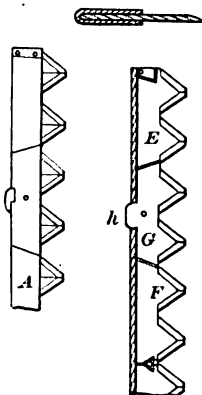
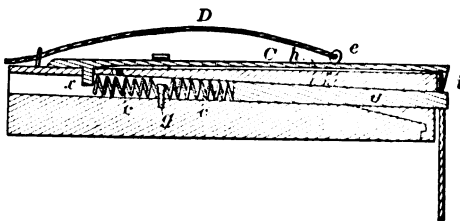
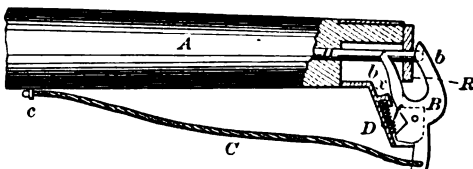
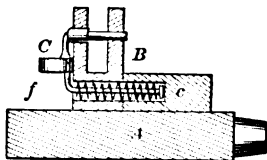
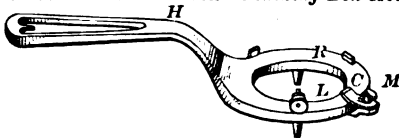
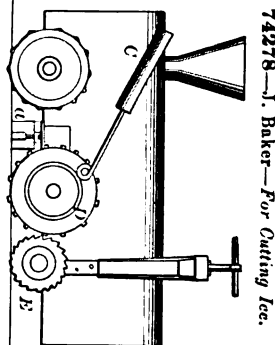
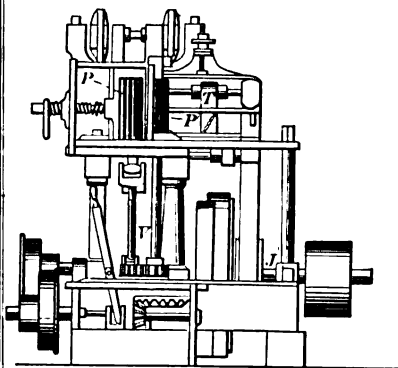
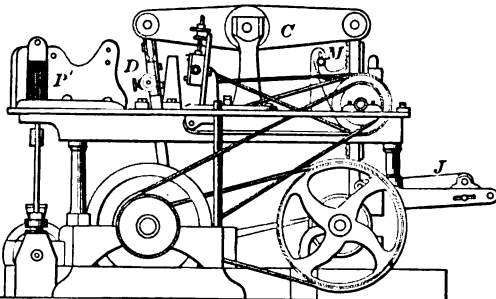
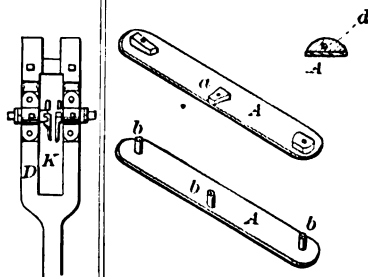
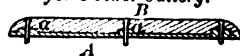


74253—J. Sutherland—Wagon for Bonding Logs, &c.

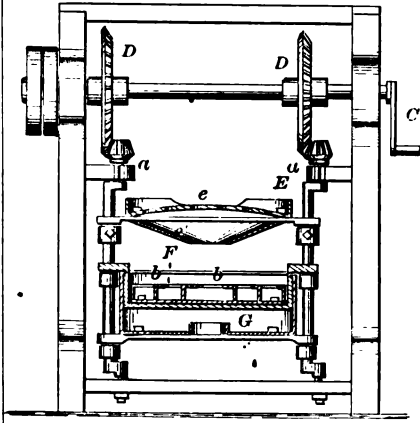






**74272—J. Atkins—Harvester Cutter.****74273—D. Austin—Whiffletree.****74274—D. Austin—Whiffletree Tug.****74275—D. Austin—Shaft Coupling.****74276—Bacon & Clark—Blacking Box Holder.****74277—J. Baillie—Saw Mill.****74278—J. Baker—For Cutting Ice.****74279—S. Barnes—Handle for Pocket Cutlery.**

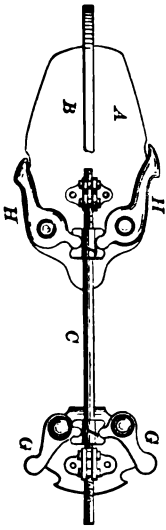
**7-1281—S. L. Beckwith—*For Washing Gold Ore.***



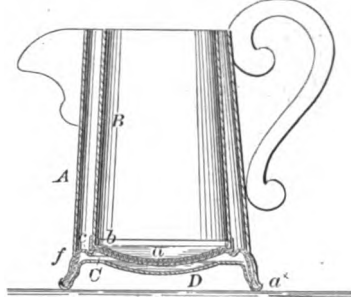
74282—C. II. Berman, 24—*Potato Baker*.



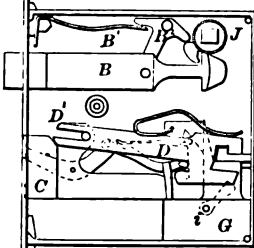
**74280—P. G. Beckley—*Skate*.**



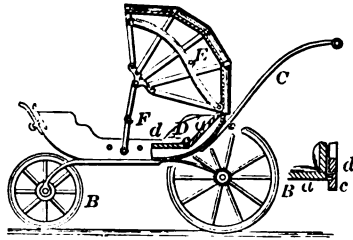
**74285—W. Bellamy—*Ice Pitcher.***



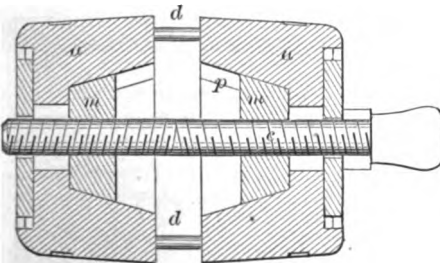
**74283—J. Behel—Door Lock.**



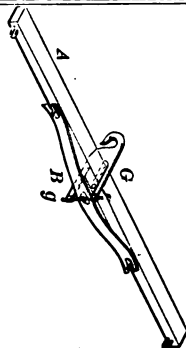
**74284—Bein & Ulrich—Children's Carriage.**



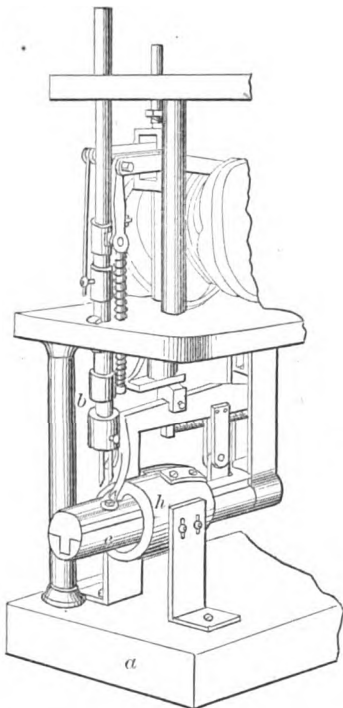
**74286—E. W. L. Bellander—Forming Block for Muffs.**



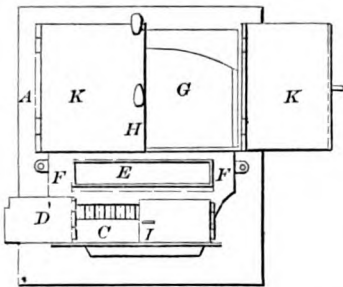
74287—I. G. Binkly—*Whiffetree*.



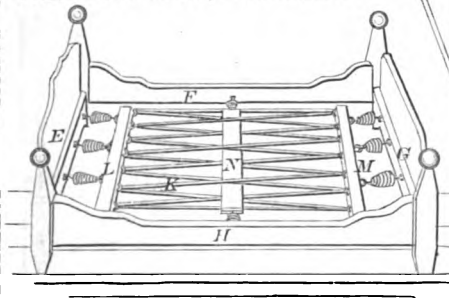
74289—L. R. Blake—Sewing Machine.



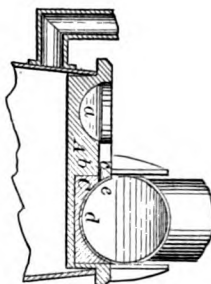
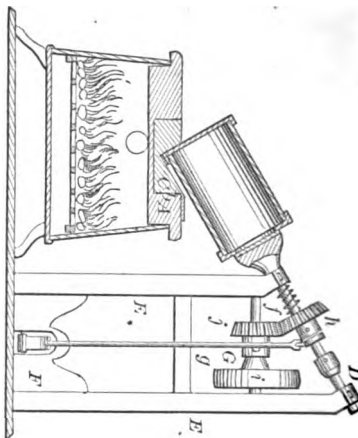
74291—D. K. Boswell—Range.



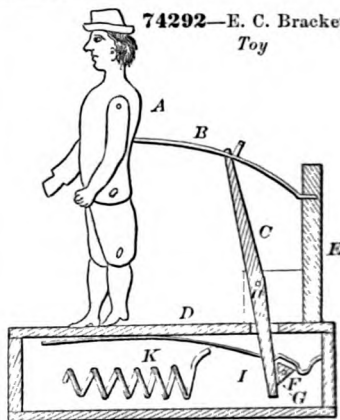
74293—F. S. Bradley—Bed Bottom.



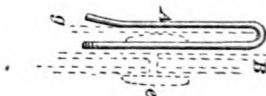
74290—J. G. Borden—For Soldering Tin Can.



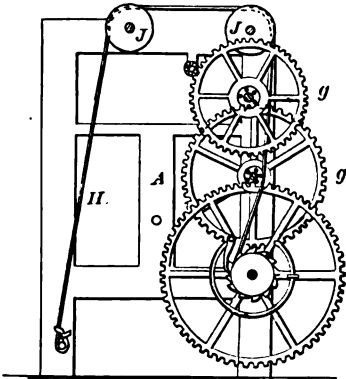
74292—E. C. Brackett—Toy



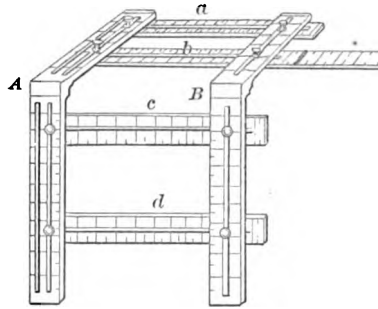
74294—F. H. Brown—Necktie Holder.



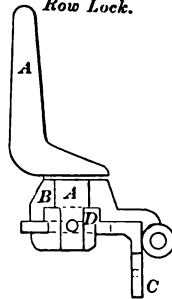
74295—I. W. Brown—Motive Power.



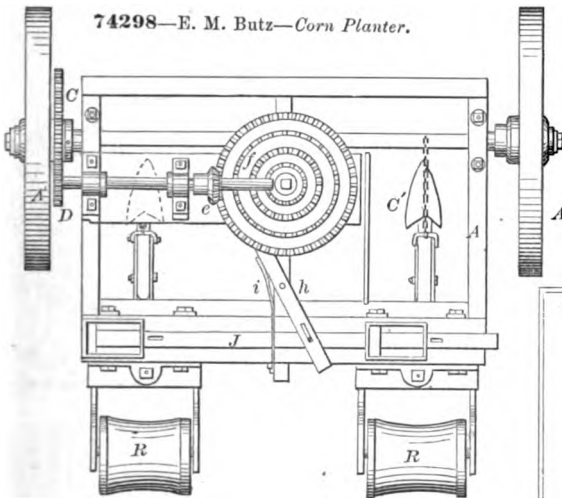
74297—N. W. Burnett—Pattern Square.



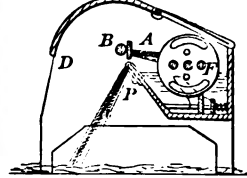
74296—G. W. Browne—Row Lock.



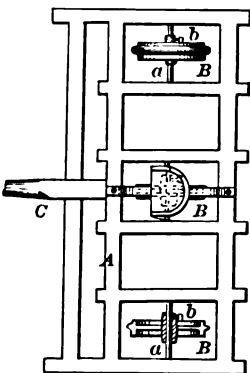
74298—E. M. Butz—Corn Planter.



74300—T. A. Campbell—For Oiling Wool.



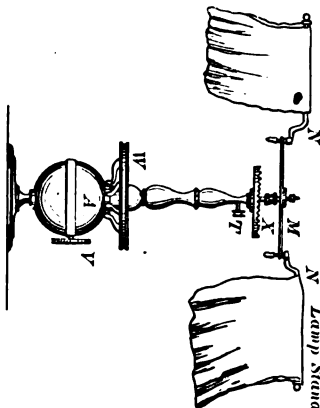
74302—J. M. Canterbury—Field Marker.

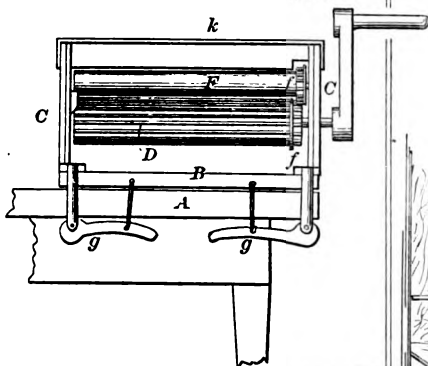
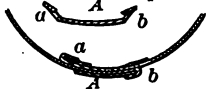
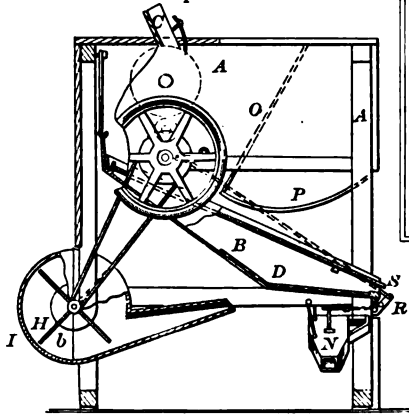
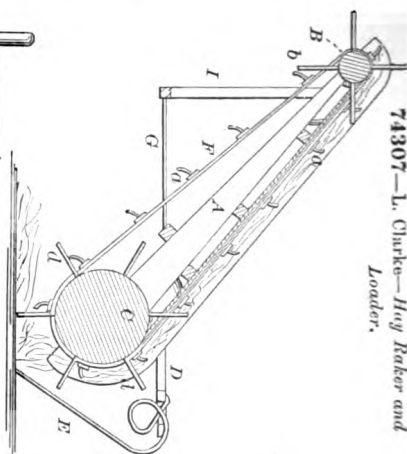
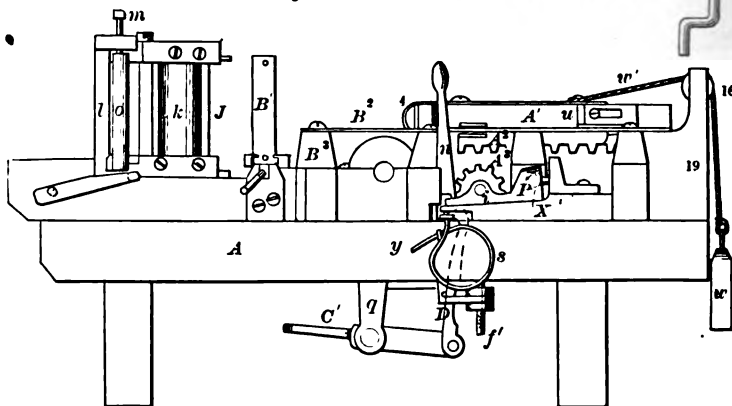
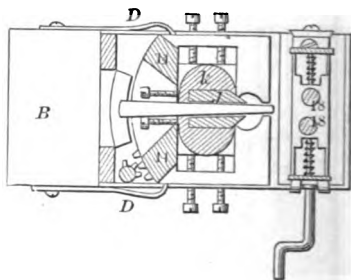
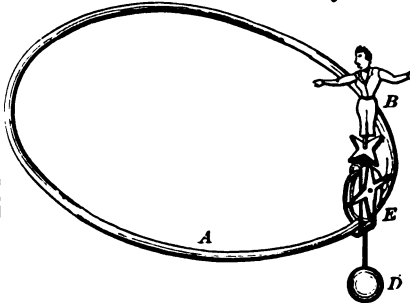


74301—C. E. Candee—Paper Clip.

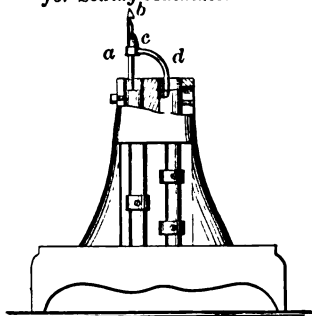


74303—T. W. Carmichael—Fun, Table Center, and Lamp Stand.

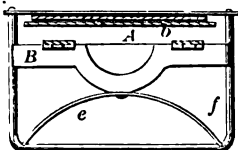


**74304**—A Castellow—Steak Crusher.**74305**—J. Chase—Lock for Barrel Hoops.**74306**—P. C. Chipson—Corn Sheller**74309**—W. S. Colwell—For Dressing Staves.**74307**—L. Clarke—Hog Rake and Loader.**74308**—E. T. Colburn—Child's Toy.

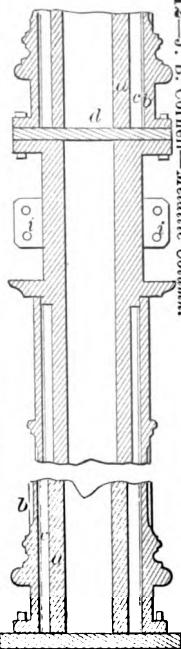
**74310**—E. M. Comery—*Cast-off for Sewing Machines.*



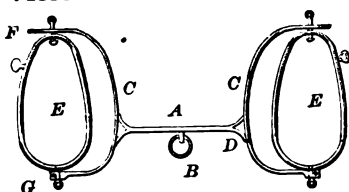
**74311**—Conant & Manley—*Photographic Printing Frame.*



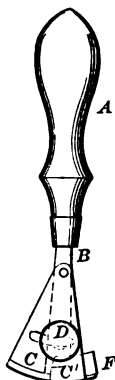
**74312**—J. B. Cornell—*Metallic Column.*



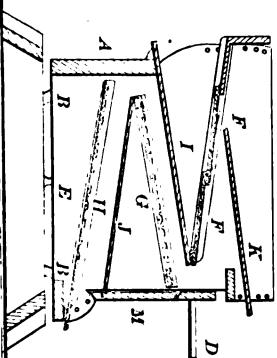
**74316**—E. K. Croffut—*Horse Yoke.*



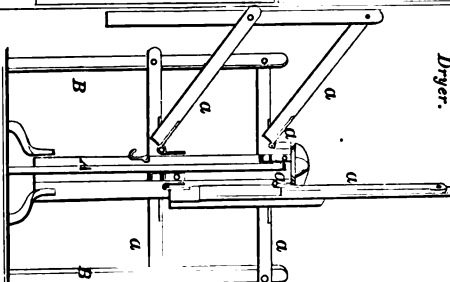
**74315**—J. S. Crane—*Button Hole Cutter.*



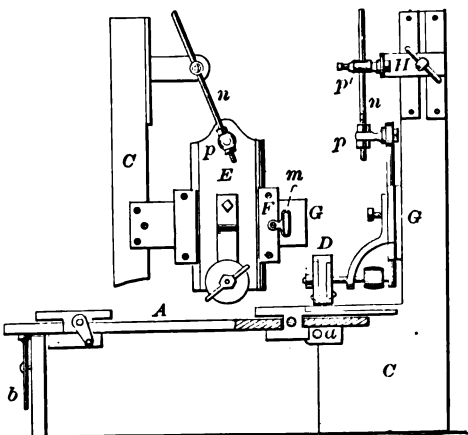
**74313**—J. Corson—*Grain Sieve.*



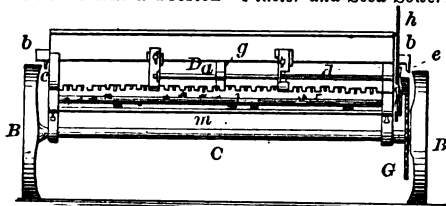
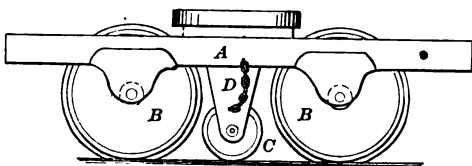
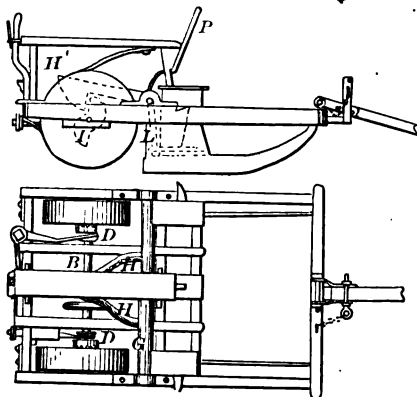
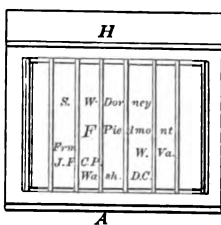
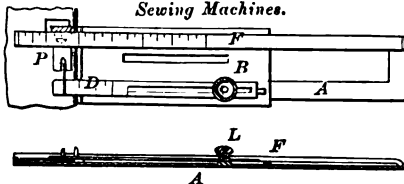
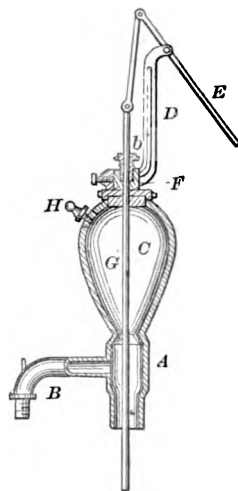
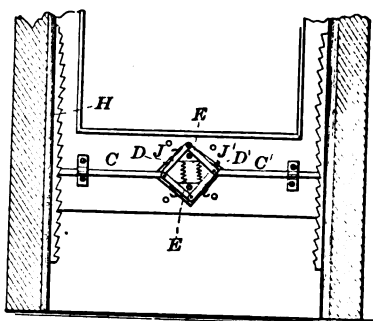
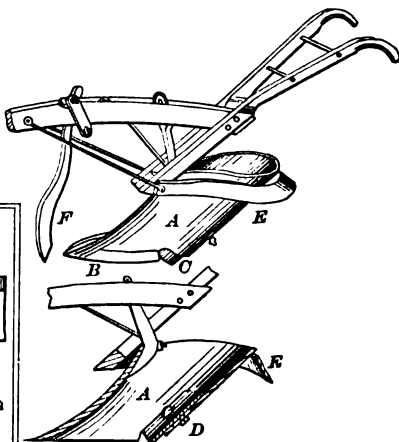
**74318**—I. N. Deal—*Clothes Dyer.*



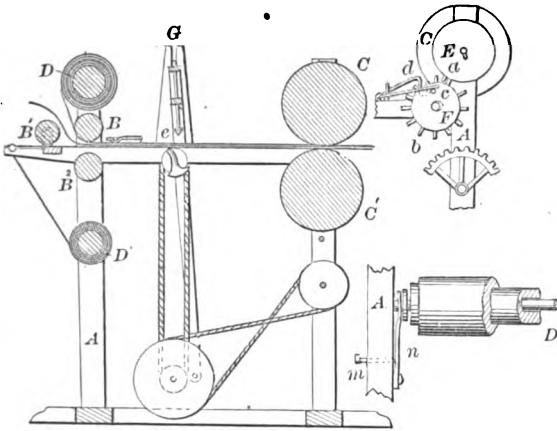
**74319**—De Bus & Johnson—*For Crozing Barrels.*



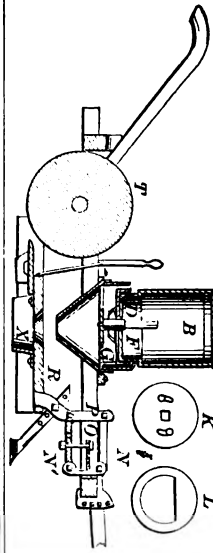


**74320—Dicks & Preston—Plaster and Seed Sower.****74325—G. W. Eddy—Railway Car.****74326—P. Eidmann—Corn Planter.****74322—S. W. Downey—Trunk Label.****74323—M. A. Duffy—Marking Gauge for Sewing Machines.****74321—J. W. Douglas—Pump.****74324—A. R. Dyett—Window Sash Stop.****74327—W. P. Everdon—Plow.**

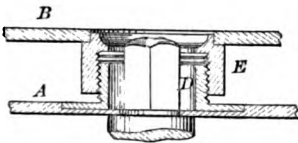
**74328**—J. F. Fales—*For Sewing Carpet Lining.*



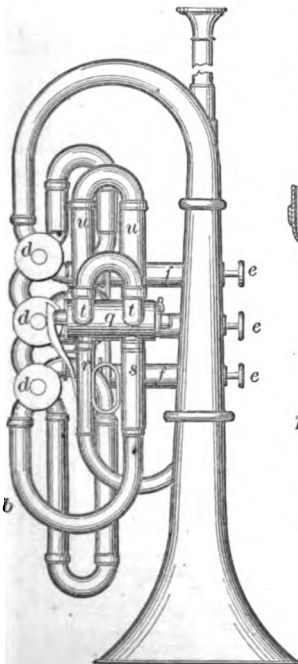
**74334**—N. Foster—*Cotton Seed and Corn Planter.*



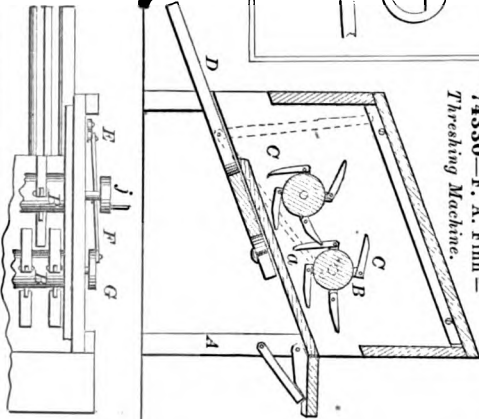
**74329**—W. Fenimore—*Dust Cup for Watches.*



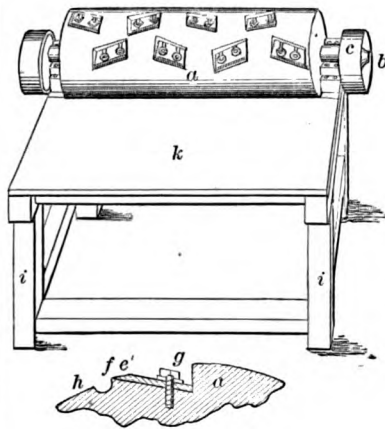
**74331**—I. Fiske—*Cornet, &c.*



**74330**—F. A. Finn—*Threshing Machine.*

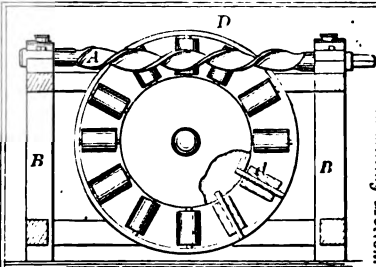
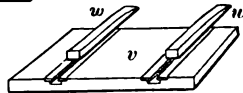
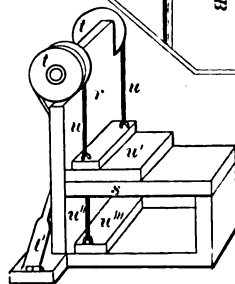
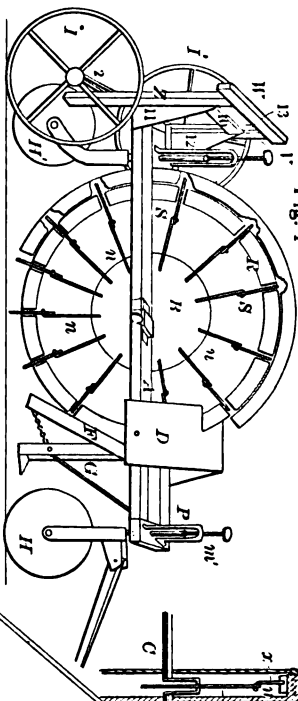


**74333**—M. R. Fletcher—*Planing Machine.*

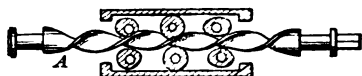


74338—W. Gause—Dieing Machine.

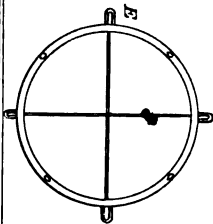
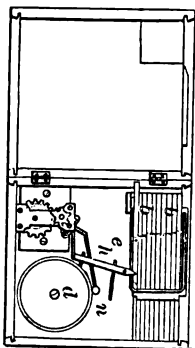
Fig. 1



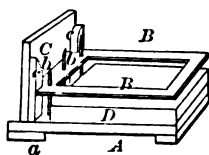
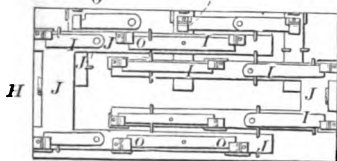
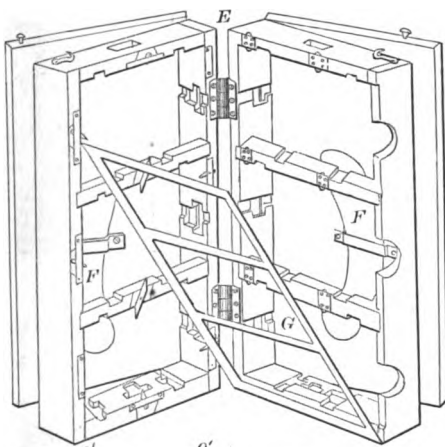
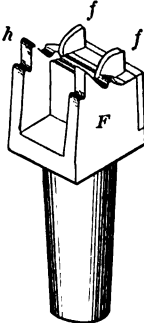
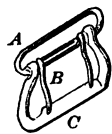
74337—E. Gallagher—For Transmitting Motion.



74339—Gauweiler & Stengel—Fire Alarm.

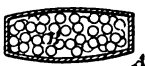


74335—M. Fowler—Die for Clothing Buckles

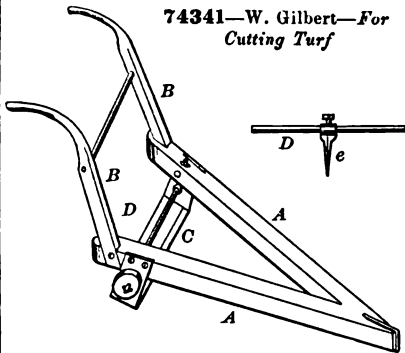


74336—J. Franke—For Cutting and Pressing Photographs.

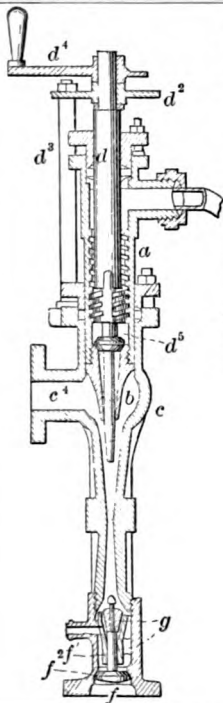
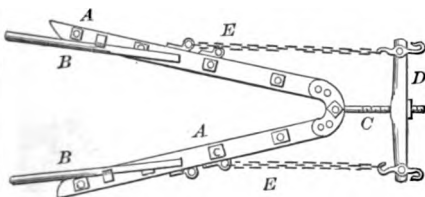
74340—J. M. Gilbert—Stuffing for Mattresses, &c



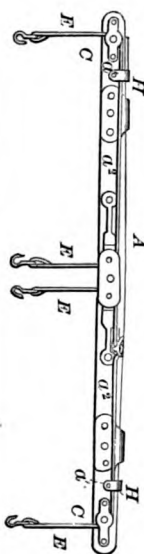
74341—W. Gilbert—For Cutting Turf



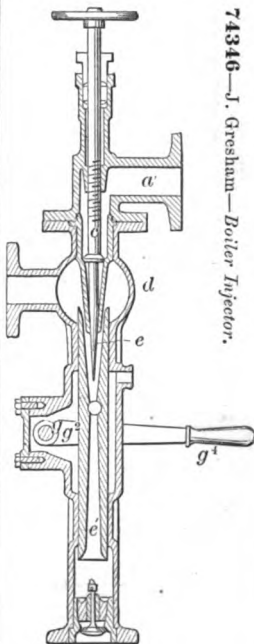
74344—Green & Sommer—Cultivator.



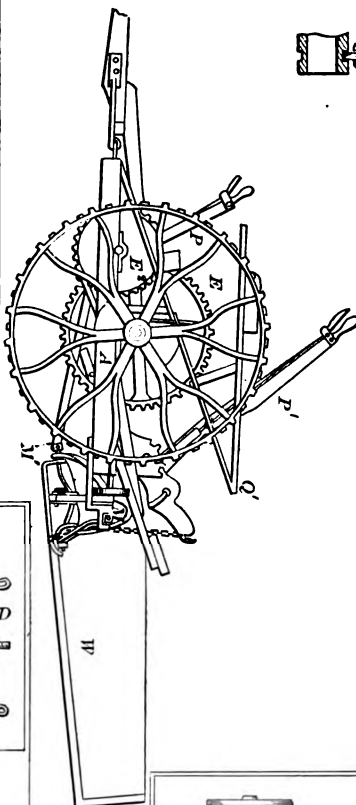
74345—J. Gresham—Boiler Injector.



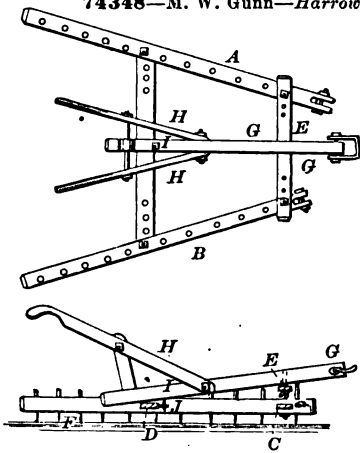
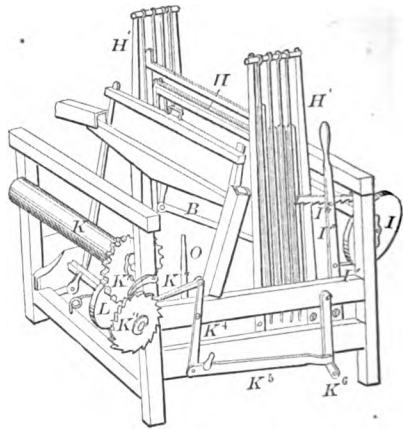
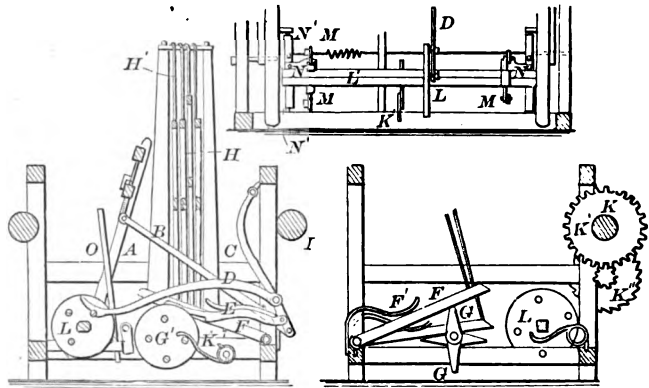
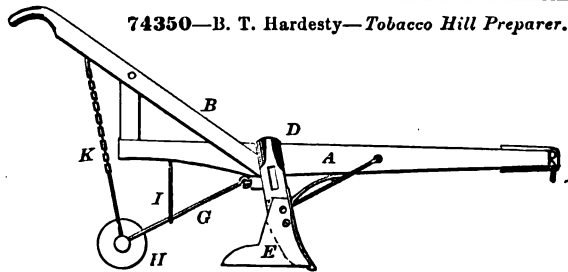
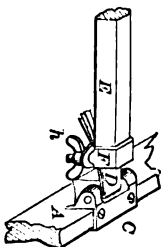
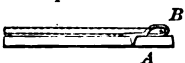
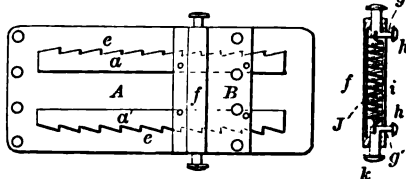
74347—Grissold, Cramer & Blay—Equalizing Doublet.



74346—J. Gresham—Boiler Injector.

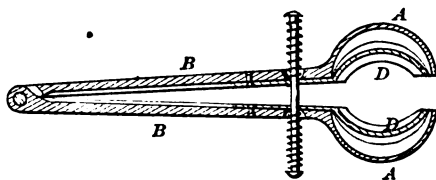


74342—A. B. Graham—Harvester.

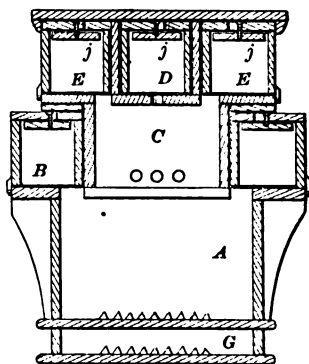
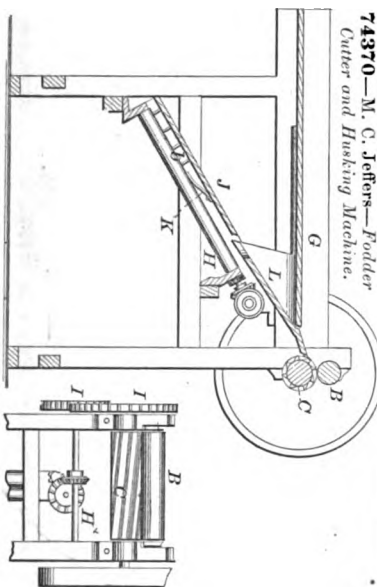
74348—M. W. Gunn—*Harrow.*74351—Harsin & Kirkpatrick—*Hand Loom.*74349—J. F. J. Gunning—*Hoop Skirt Clasp.*74350—B. T. Hardesty—*Tobacco Hill Preparer.*74353—P. J. Harvey—*Spring Bed Bottom.*74352—Hart & Norton—*Carpet Fastener.*74354—E. Hatch—*Belt Clasp.*



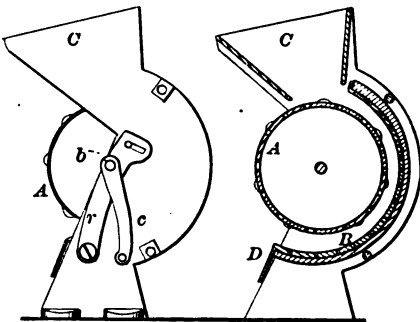
74364—M. &amp; S. Housman—Corn Sheller.



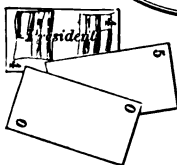
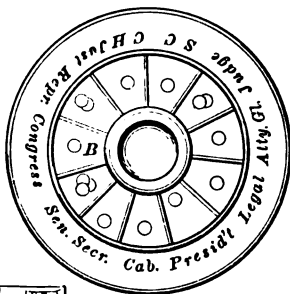
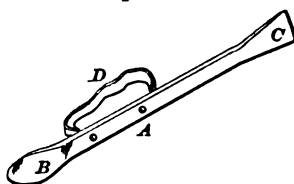
74369—J. A. Jackson—Beehive.

74370—M. C. Jeffers—Fodder  
Cutter and Husking Machine.

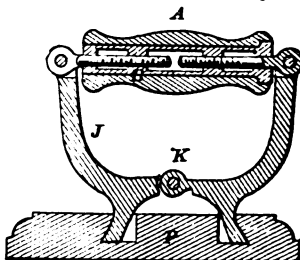
74365—G. S. Hull—Fruit Mill.



74368—H. Jackson—Game.

74371—C. S. Jewett—Weeding  
Implement

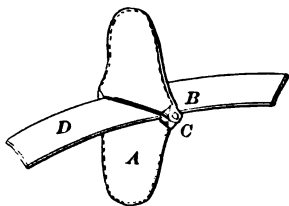
74372—J. Jones—Smoothing Iron.



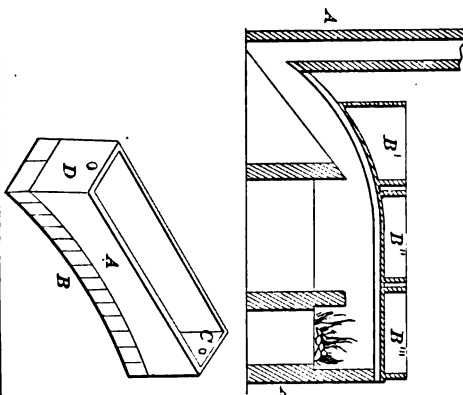
74367—A. Hurd—Buckle.



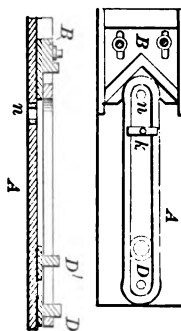
74373—P. Jones—Rein Holder.



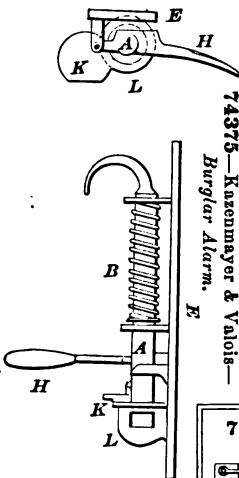
74374—T. J. Jones—Puddling Furnace.



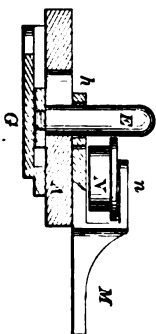
74376—C. Kellogg—For Boring Links.



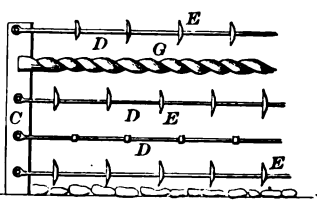
74375—Karemeyer & Valois—  
Burglar Alarm.



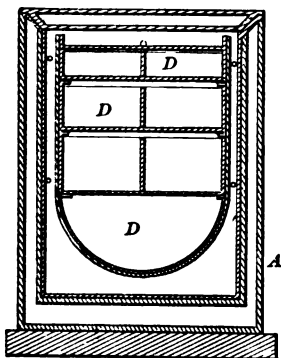
74377—C. Kellogg—For Forming  
Edges on Metal Rods.



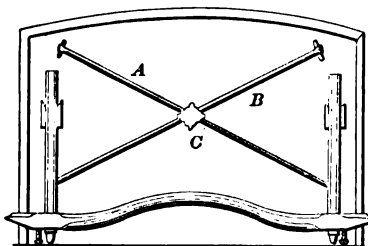
74379—M. Kelly—Fence.



74378—T. D. Kellogg—Preserving  
Fishing Bait.

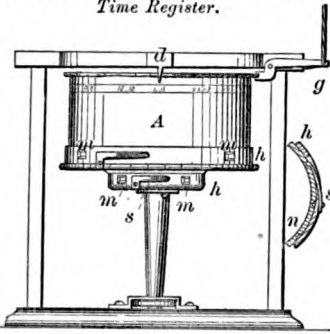


74380—H. Killam—Carriage Cross Strap.

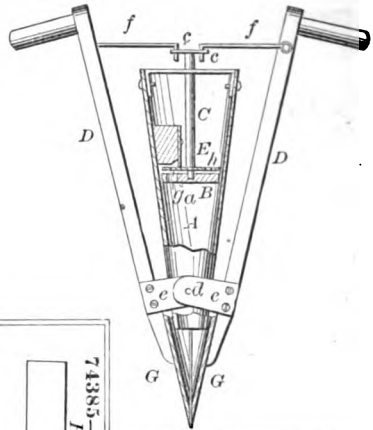




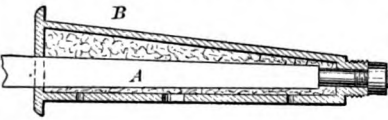
**74381**—W. A. L. Kirk—*Workmen's Time Register.*



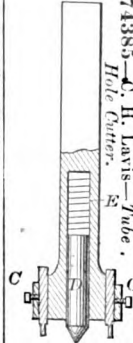
**74383**—Koeller & Uecke—*Seed Planter.*



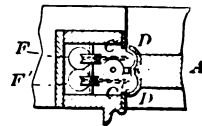
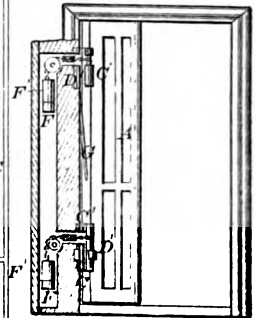
**74382**—W. Knoch—*Axle for Vehicles.*



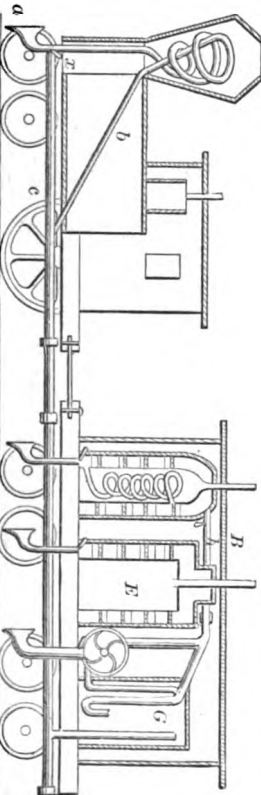
**74385**—A. H. LAVIS—*Tube, Hide Cutter.*



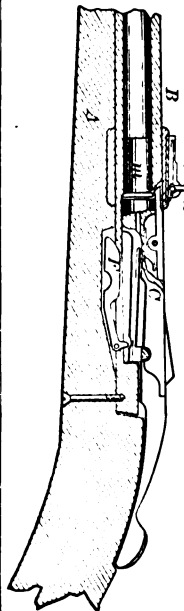
**74384**—G. Lane—*Door Hinge.*



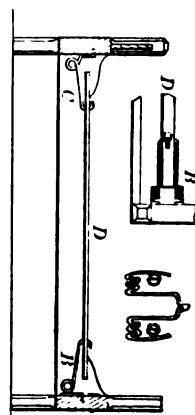
**74386**—S. Lloyd—*Heating Railroad Cars.*



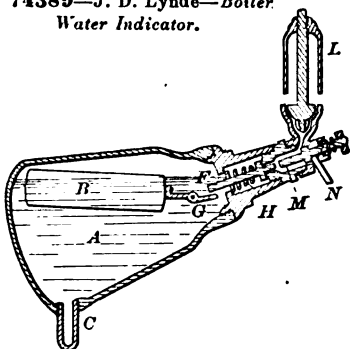
**74387**—H. Lord—*Breech-Loading Fire Arm.*



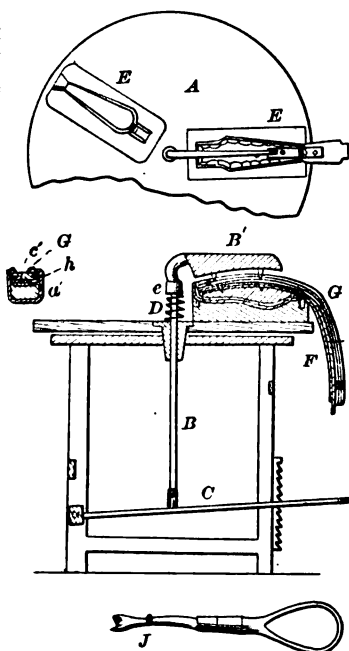
**74388**—H. O. Lowrey—*Spring Bed Bottom.*



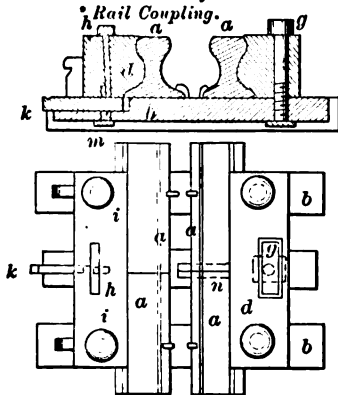
74389—J. D. Lynde—Boiler Water Indicator.



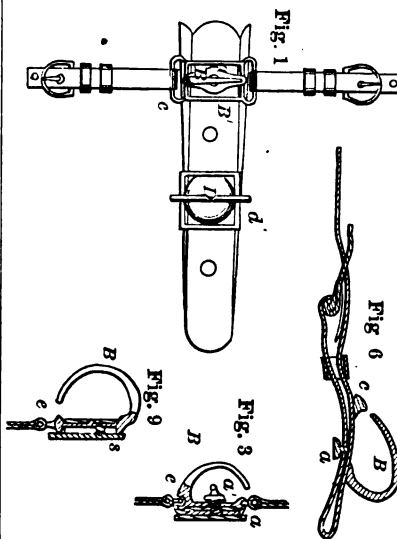
74390—J. MacIure—Harness Pad.



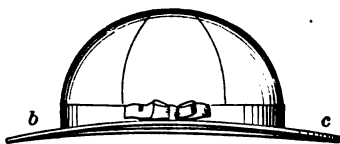
74393—W. S. Mallory—Railroad Rail Coupling.



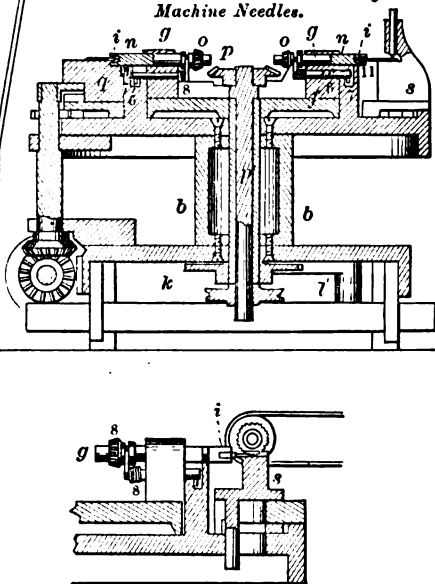
74391—J. Magruder—Harness Trimming.



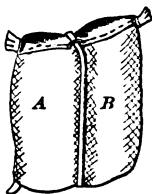
74392—G. Mallory—Hat.



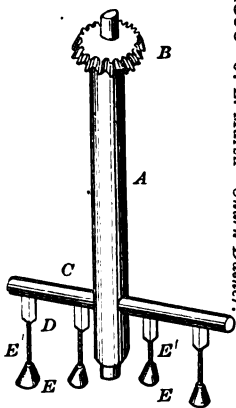
74394—E. J. Manville—For Making Sewing Machine Needles.



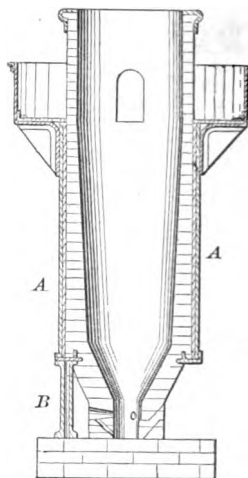
**74395**—L. A. Marburg—*Packing Tobacco.*



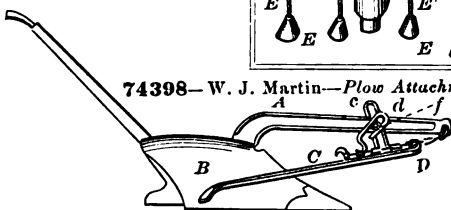
**74396**—J. L. Marsh—*Churn Dasher.*



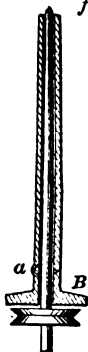
**74397**—C. Martin—*Reduction of Refractory Iron Ores.*



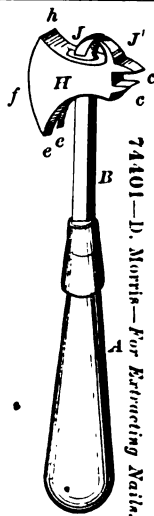
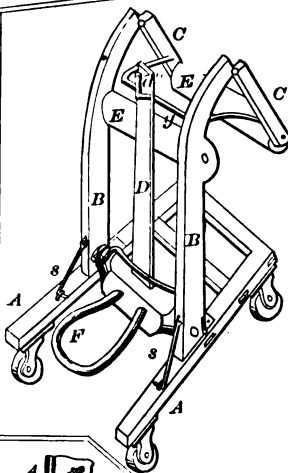
**74398**—W. J. Martin—*Plow Attachment.*



**74402**—C. B. Morse—*Bobbin for Spinning.*

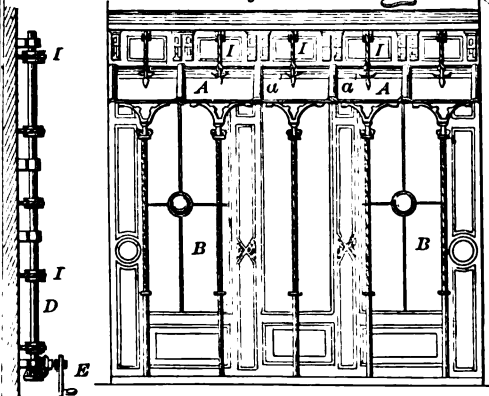


**74400**—J. H. Meers—*Kop Wringer.*

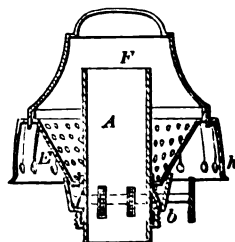


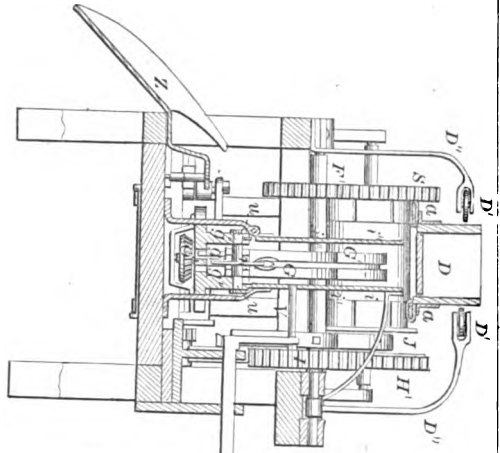
**74401**—D. Morris—*For Extracting Nails.*

**74399**—G. M. McMahan—*Door Blind and Avening.*

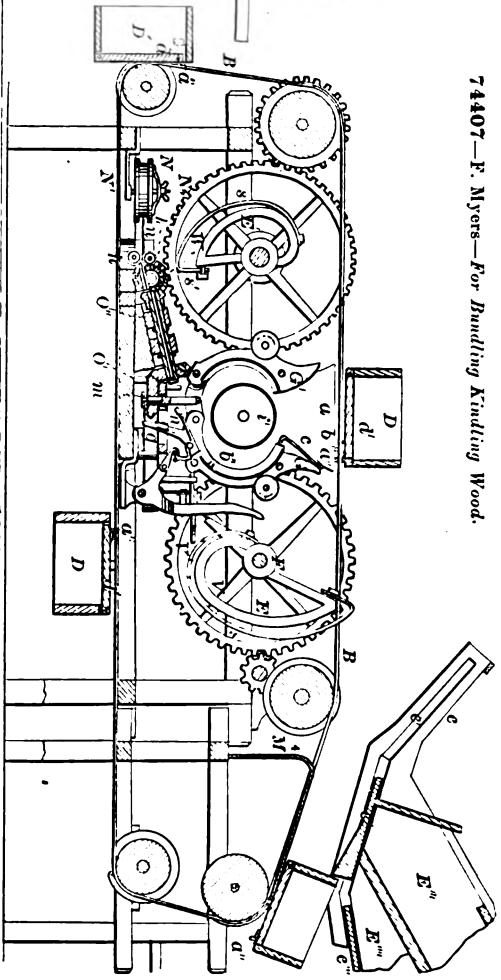
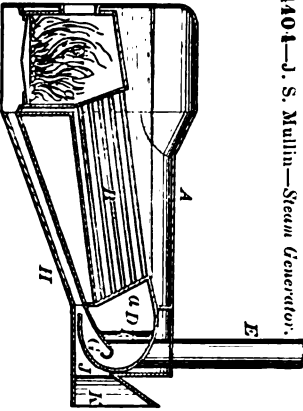


**74403**—W. Mullally—*Lamp.*

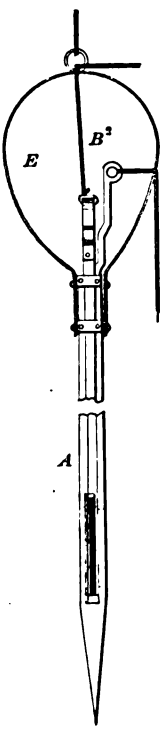




**744104—J. S. Mullin—Steam Generator.**



74407—F. Myers—*For Bundling Kindling Wood.*

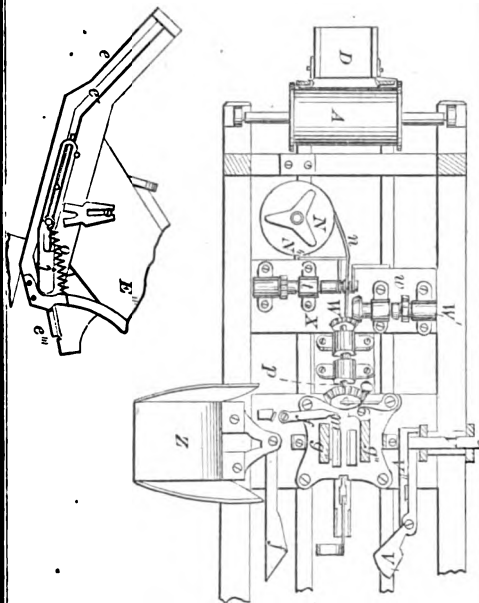


**74405—J. H. Mullin—*Morse Hay Fork.***

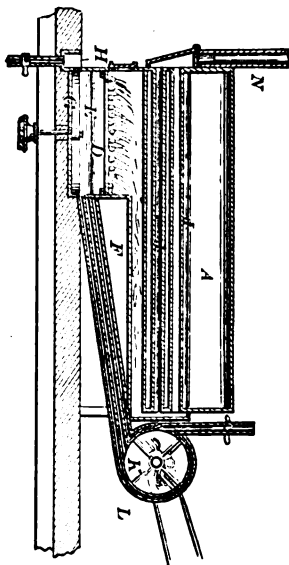


**74406—D. Munson—**  
*Lightning Rod.*

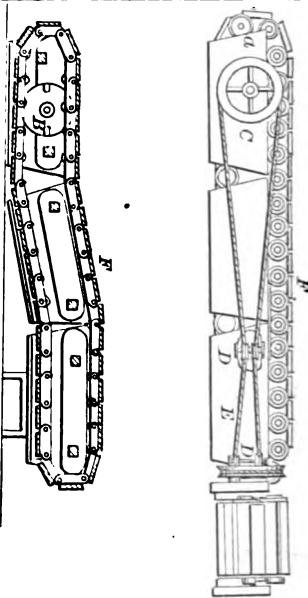
74407—Continued.



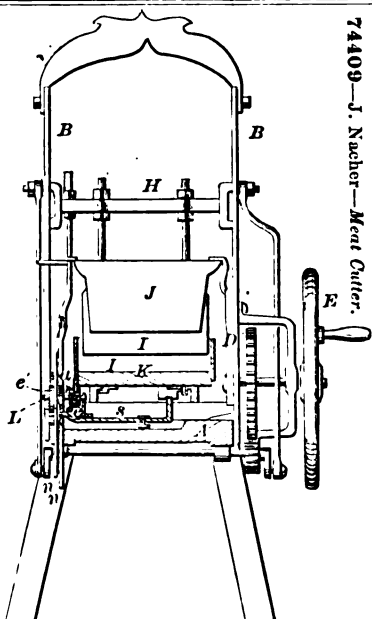
74410—W. H. &amp; M. V. Nobles—Steam Generator.



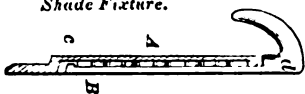
74408—W. T. Nichols—Portable Railway Elevator.



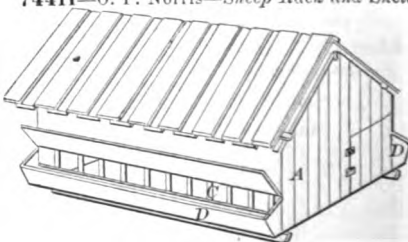
74409—J. Naeher—Meat Cutter.



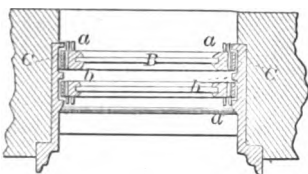
74412—W. A. C. Oaks—Window Shade Fixture.



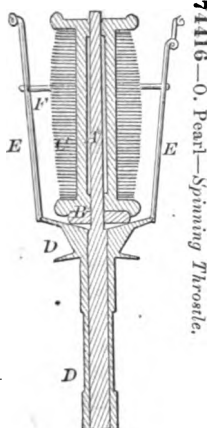
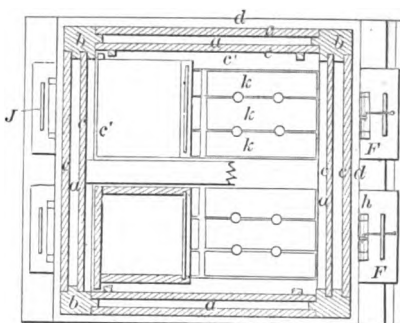
74411—O. P. Norris—Sheep Rack and Shelter.



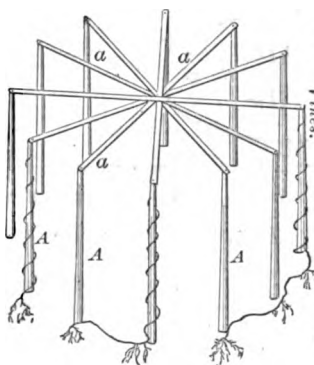
**74413**—C. H. Palmer—*Hanging Window Sash.*



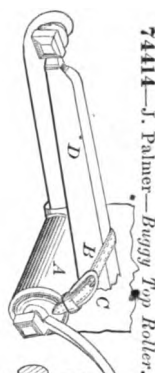
**74415**—J. M. Patton—*Beehive.*



**74416**—O. Pearl—*Spinning Throstle.*

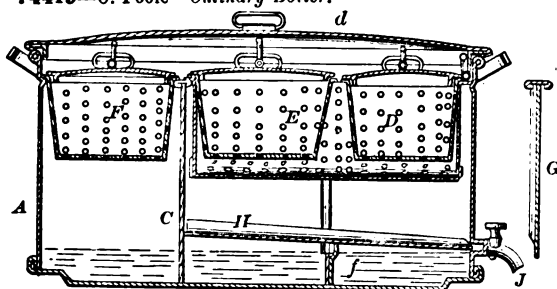


**74417**—G. Perry—*Cutting Grape Vines.*

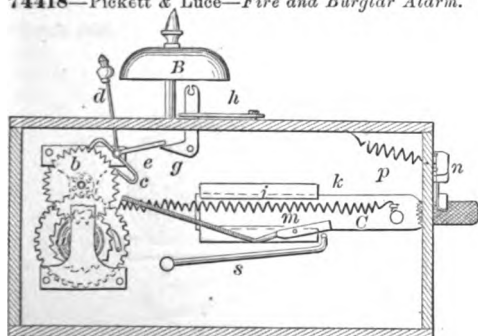


**74414**—J. Palmer—*Buggy Top Roller.*

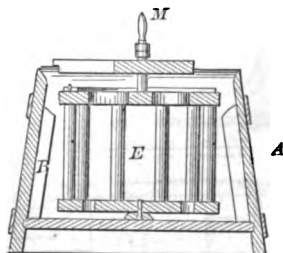
**74419**—O. Poole—*Culinary Boiler.*



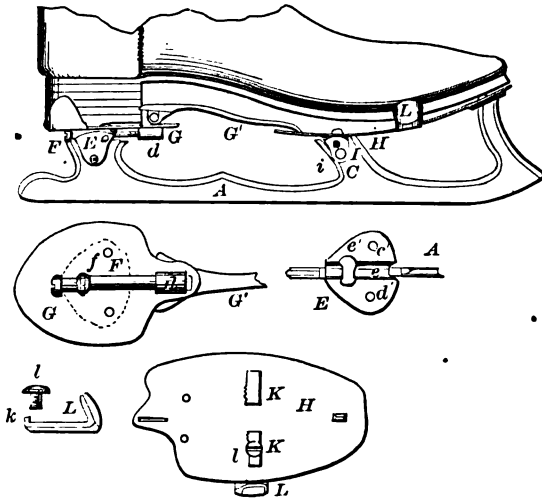
**74418**—Pickett & Luce—*Fire and Burglar Alarm.*



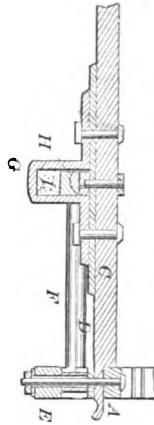
**74420**—Porter & Roberts—*Potato Washer.*



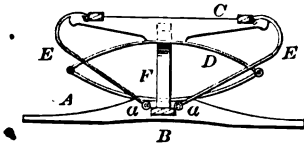
74421—J. W. Post—Skate.



74422—H. W. Ransom—Fifth Wheel for Carriages.



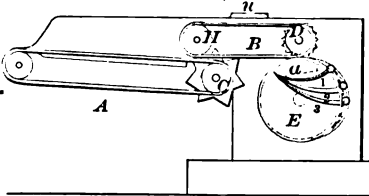
74424—C. L. Rice—Vehicle Spring.



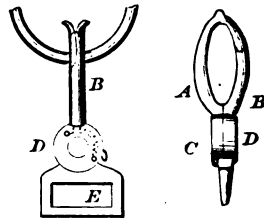
74423—B. W. Remington—Curry Comb.



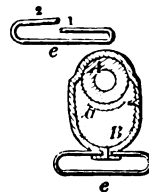
74425—J. Richardson—For Bundling Kindling Wood.



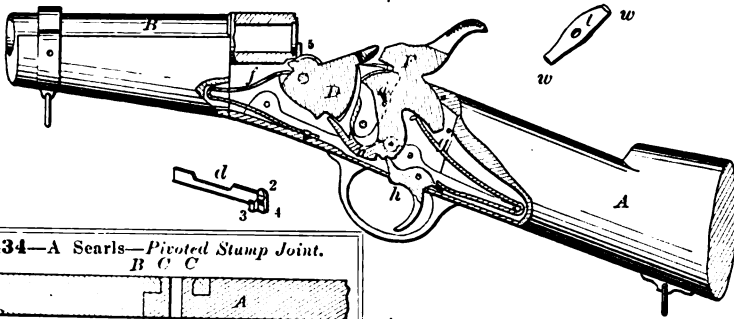
74426—J. C. Richmond—Snap Hook.



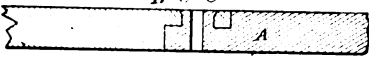
74427—J. Rider—Snap Ring for Fire Arms.



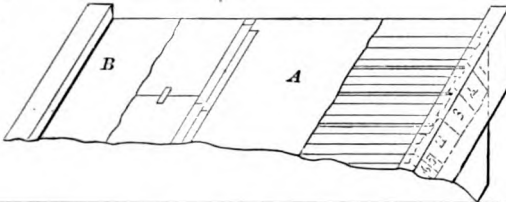
**74428**—J. Rider—Breech-Loading Fire Arm.



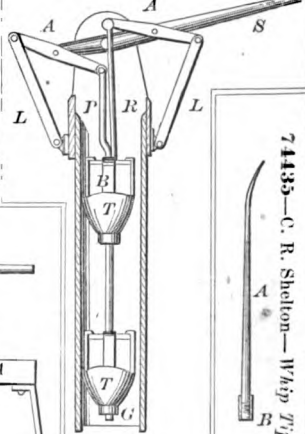
**74434**—A Searls—Pivoted Stump Joint.  
B C C



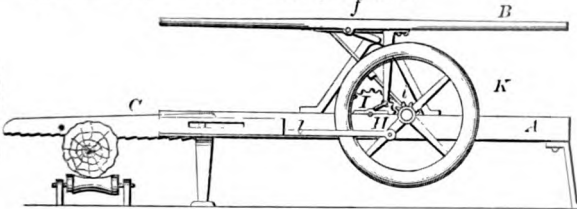
**74430**—L. Rodney—Cement Roofing.



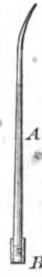
**74431**—C. Rogers—Pump.



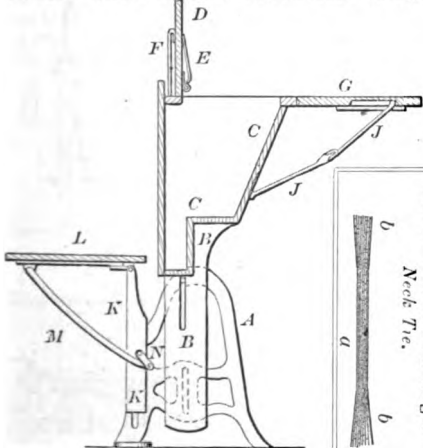
**74432**—Root & Bennett—Sawing Machine.



**74435**—C. R. Shelton—Whip Tip.



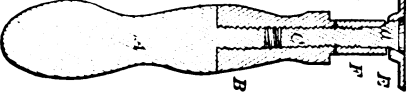
**74433**—Scott & La Rue—School Desk and Seat.



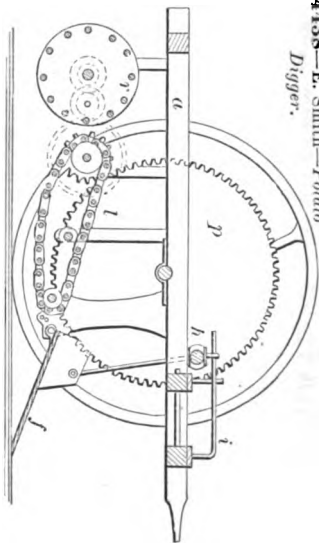
**74436**—Siberman & Unger—  
Neck Tie.



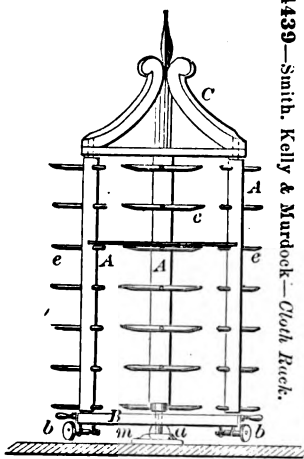
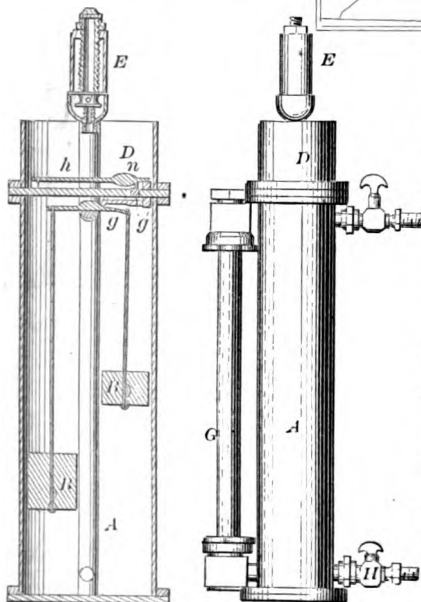
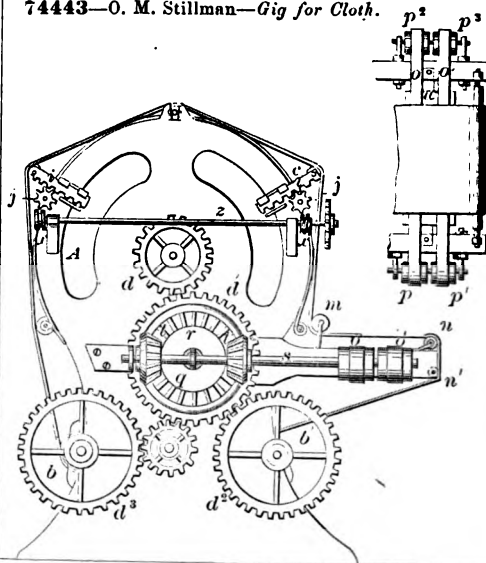
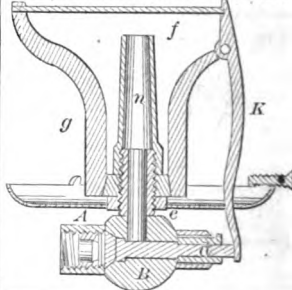
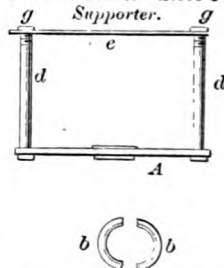
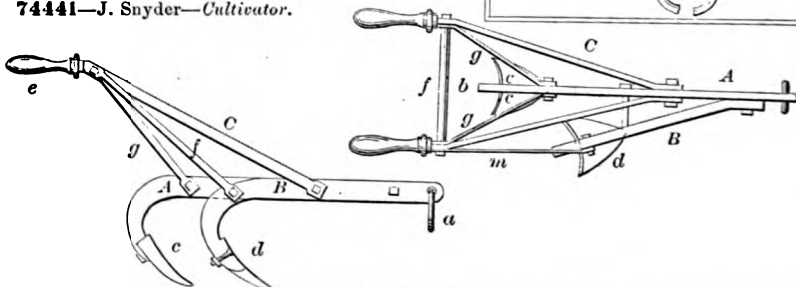
**74437**—A. B. Simonds—Hand Turning Tool



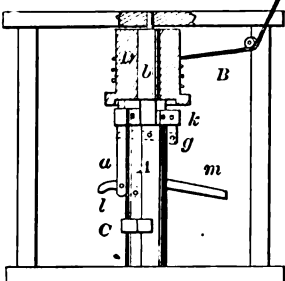
**74438**—E. Smith—Potato  
Digger.



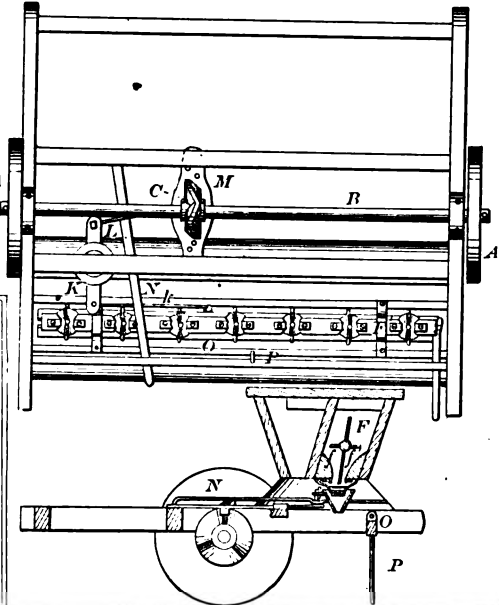


74443—O. M. Stillman—*Gig for Cloth.*74440—J. B. Smith—*Gas Burner.*74444—A. J. Stover—*Stove Flue Supporter.*74441—J. Snyder—*Cultivator.*

74445—H. Strickler—Hoisting Drum.



74448—J. F. Thomas—For Distributing Guano, &c.



74446—W. H. Sutherland—Sash Stop.

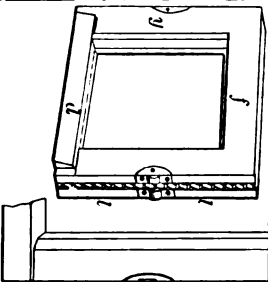
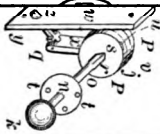
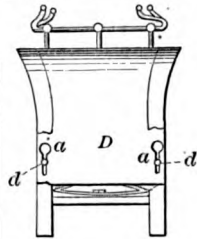
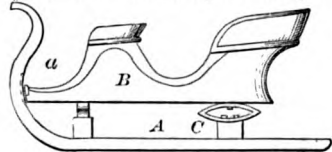


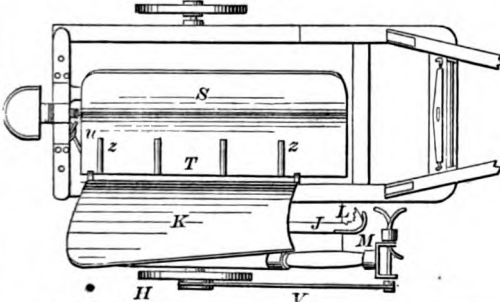
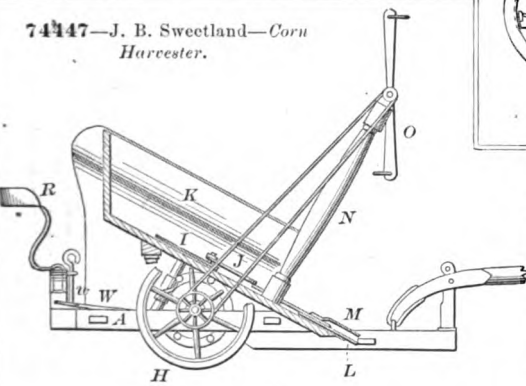
Fig. 3.



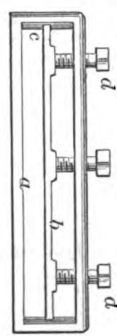
74450—B. Thompson—Sleigh.

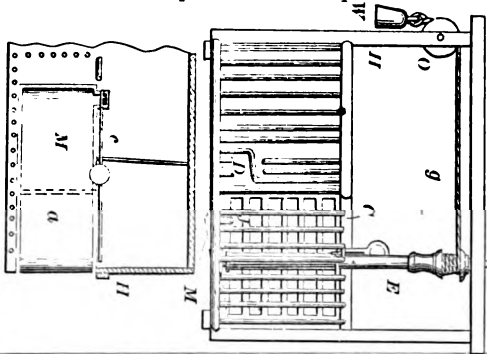
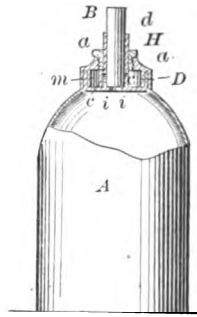
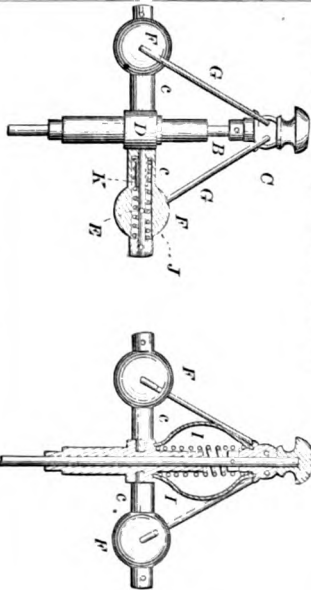
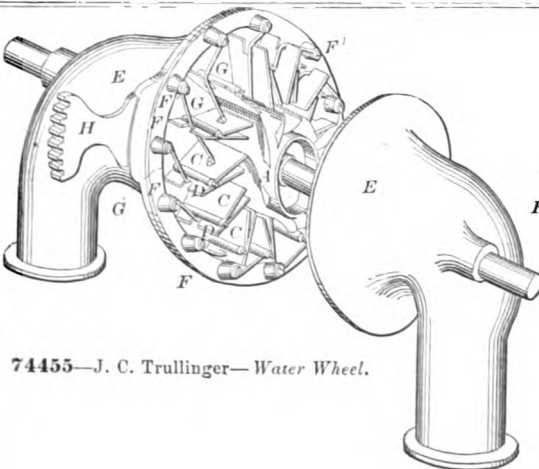
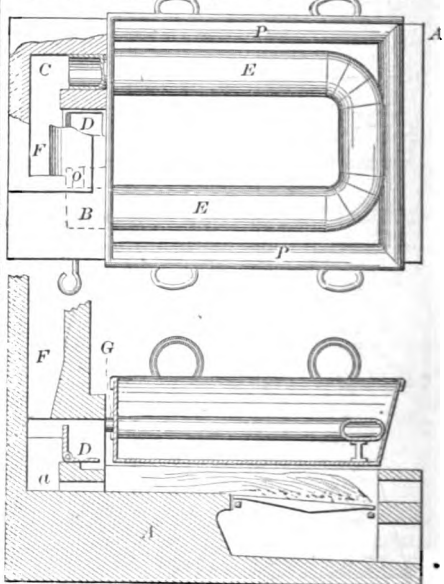
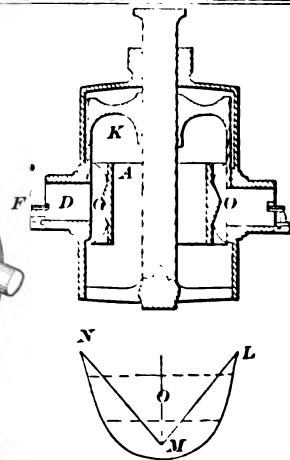


74447—J. B. Sweetland—Corn Harvester.

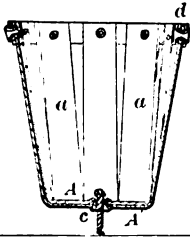


74449—J. L. Thomas—Belt Coupling.

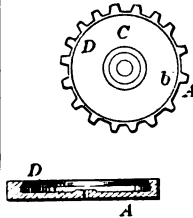


74451—J. S. Thompson—*Animal Trap.*74453—W. W. Timmons—*Soda Water Bottle.*74454—J. Temper—*Steam Governor.*74452—J. S. Thompson—*For Boiling Sap.*74455—J. C. Trullinger—*Water Wheel.*

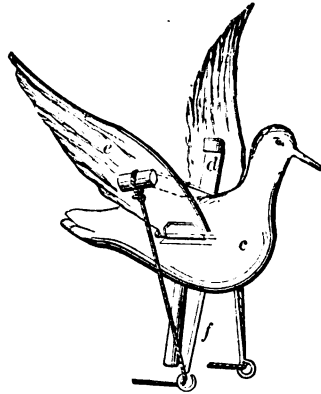
74456—P. B. Viole—*Fruit Basket.*



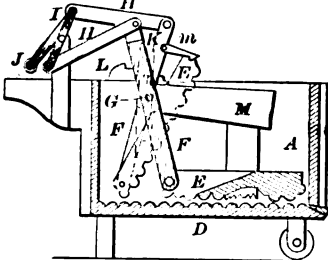
74457—A. Wadsworth—*Watch.*



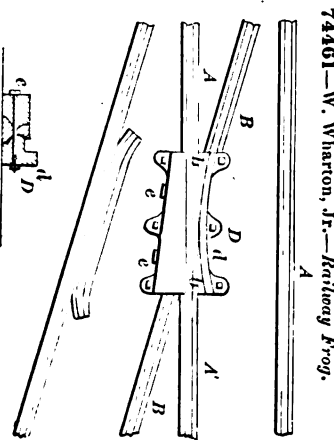
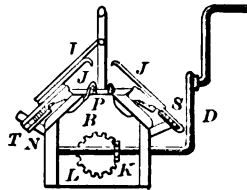
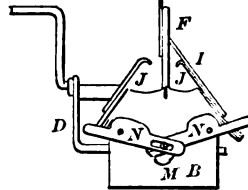
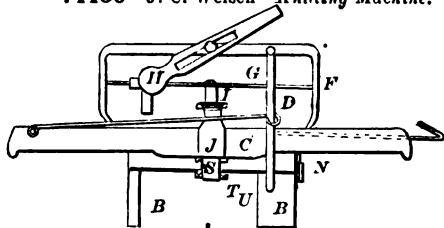
74458—N. Wales—*Decoy Bird.*



74459—J. Webb—*Washing Machine.*

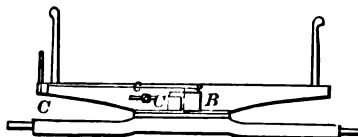
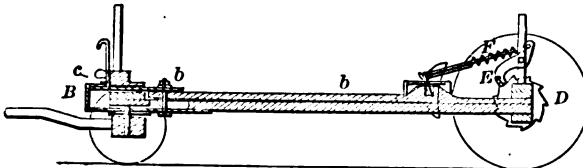


74460—J. C. Welsch—*Knitting Machine.*

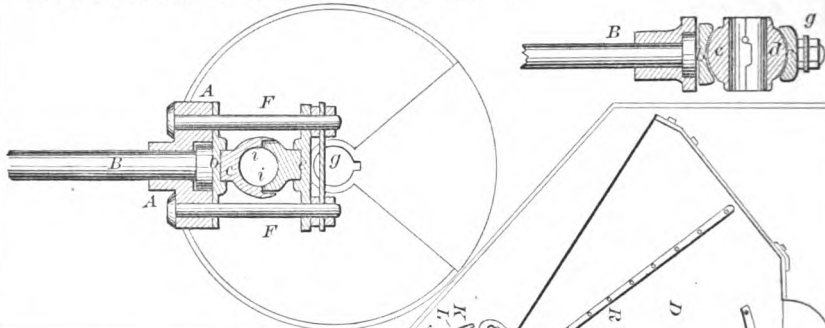


74461—W. Wharton, Jr.—*Railway Frog.*

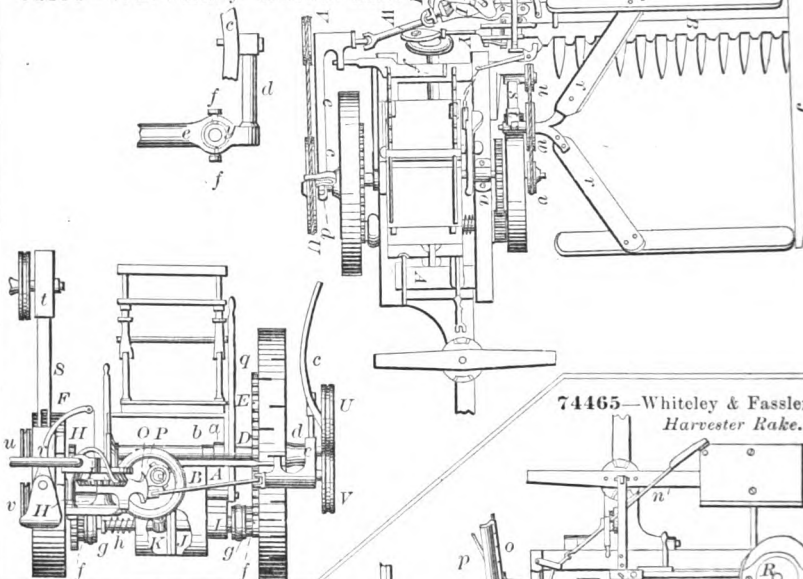
74462—B. F. Wheeler—*Wagon Brake.*



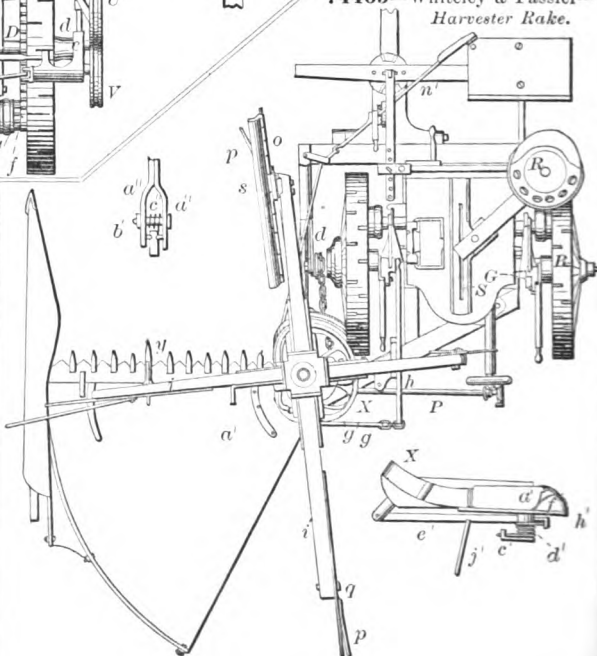
74463—C. Wheeler, Jr.—Harvester Pitman Connection.



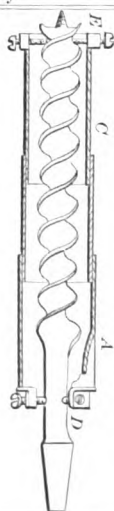
74464—W. N. Whiteley—Harvester Rake.



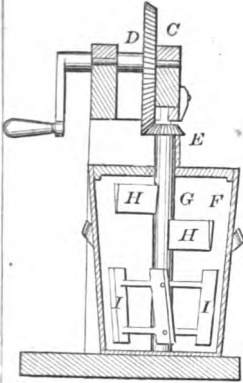
74465—Whiteley &amp; Fassler—Harvester Rake.



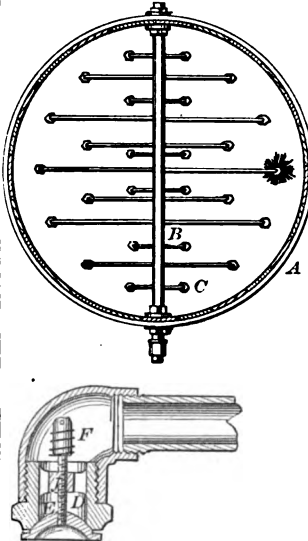
74466—W. E. Whiting—Auger Gauge.



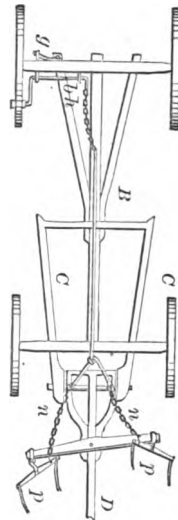
**74467**—C. B. Williams—  
*Churn.*



**74469**—Williams & Yates—  
*Steam Heater for Brewers.*



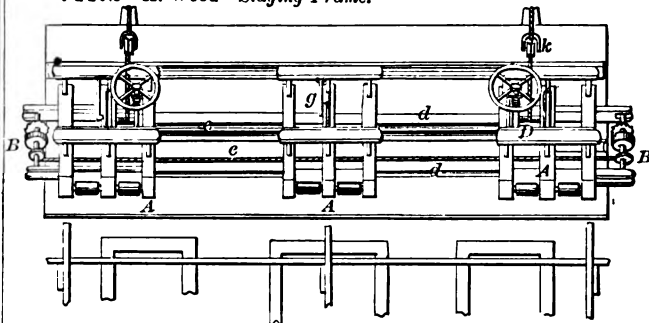
**74468**—J. A. & W. W. Williams—*Self-Acting Wagon Brake.*



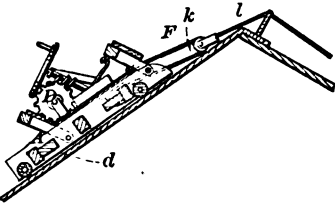
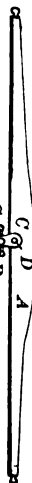
**74470**—N. V. B. Williamson—*Draught Equalizer for Doubletrees.*



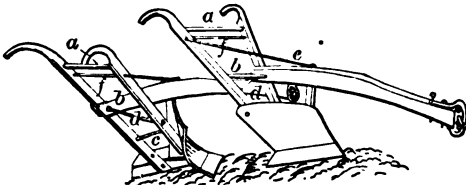
**74472**—H. Wood—*Staging Frame.*



**74471**—N. V. B. Williamson—*Doubletree.*

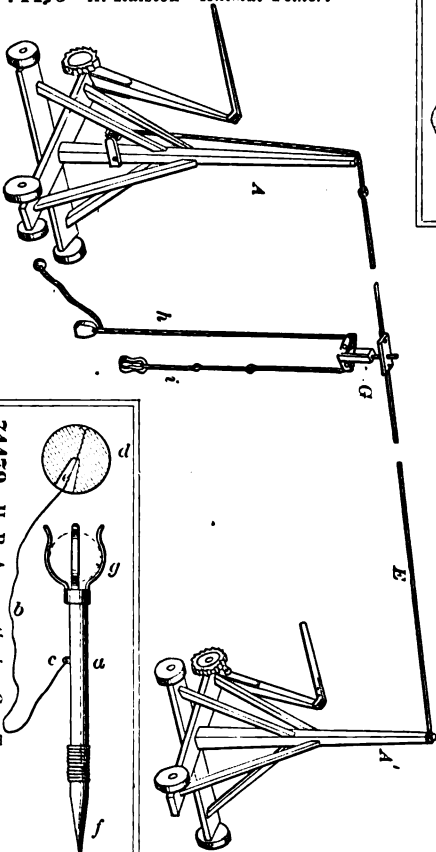
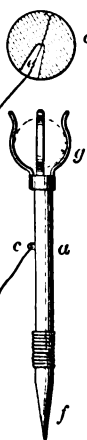
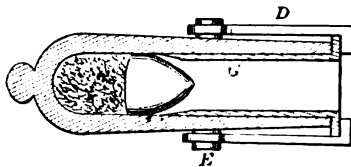
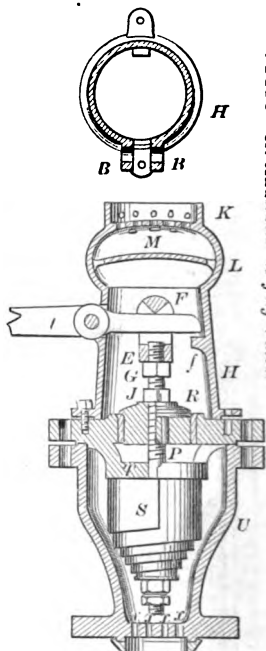
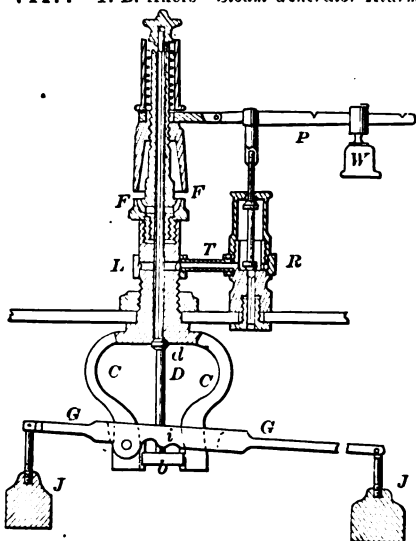
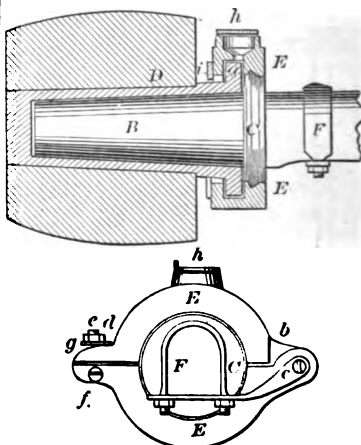


**74474**—W. G. Young—*Plow.*

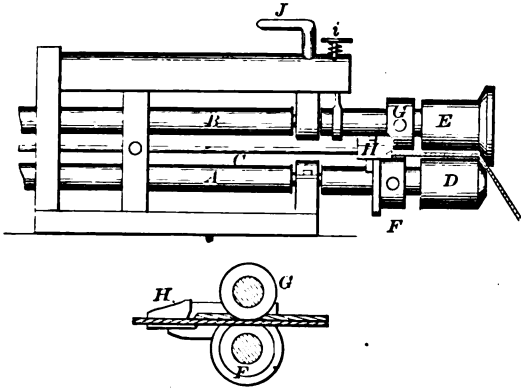


**74473**—J. M. Wood—*Hoofing Shoe.*

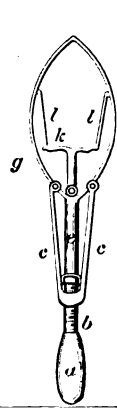


74475—A. Ralston—*Animal Tether.*74479—H. B. Ames—*Spring Cup Tug.*74478—F. W. Alexander—*Ordnance.*74480—H. Anderson—*Safety Valve.*74477—T. B. Akers—*Steam Generator Alarm.*74476—L. Adams—*Axle Lubricator.*

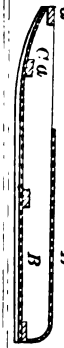
74481—P. W. Armstrong—*Tinners' Die.*



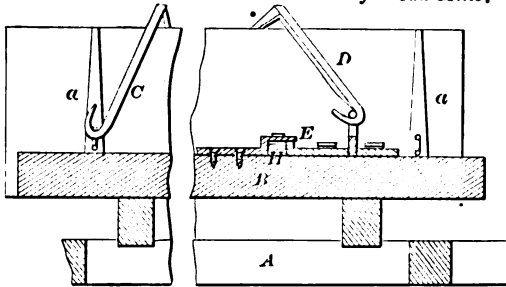
74482—B. Atkinson—*Teasery.*



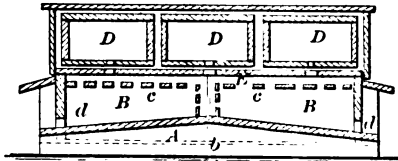
74483—J. Barker—*Separator Steel.*



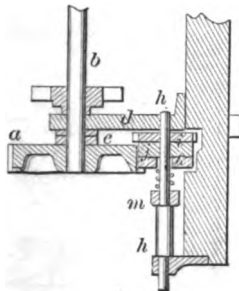
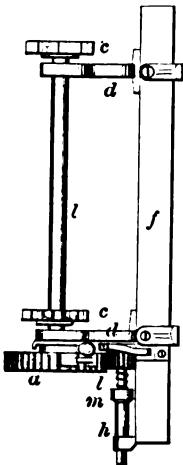
74486—H. Batchelder—*Head Block for Saw Mills.*



74487—D. S. Bear—*Beehive.*



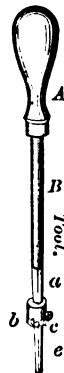
74488—A. M. Beard—*Gearing.*



74489—J. A. Bidwell—*Wood Screw.*

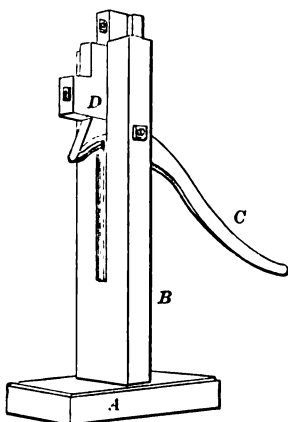


74490—J. A. Bidwell—*Screw-driver and Boring Tool.*

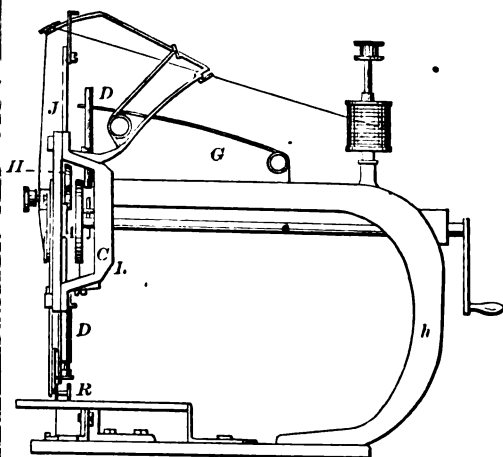




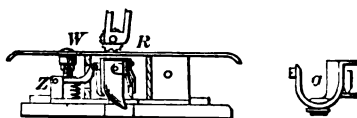
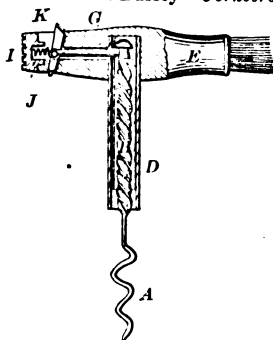
**74491**—Biglin & Bennett—*Wagon Jack.*



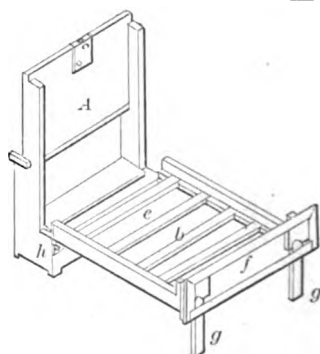
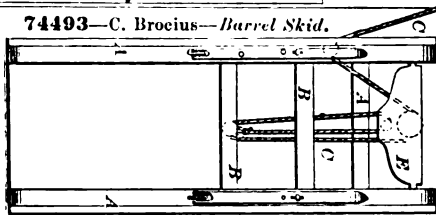
**74492**—F. M. Bradley—*Sewing Machine.*



**74495**—J. Bussey—*Corkscrew.*

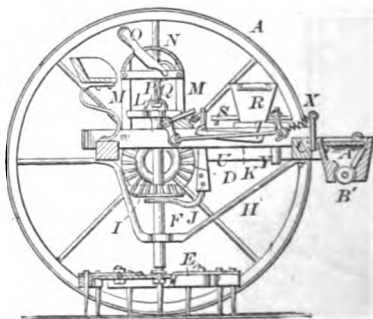
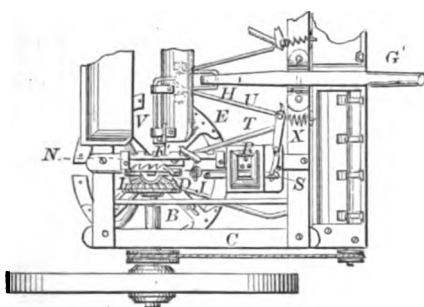


**74493**—C. Brocius—*Barrel Skid.*

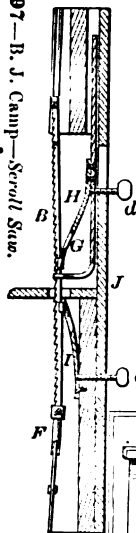


**74494**—S. S. Burr—*Bedstead.*

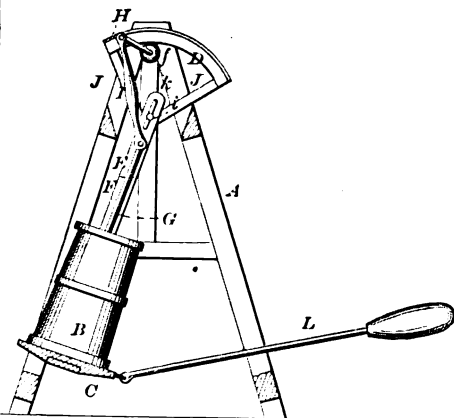
**74496**—W. P. Byler—*Corn Planter, &c.*



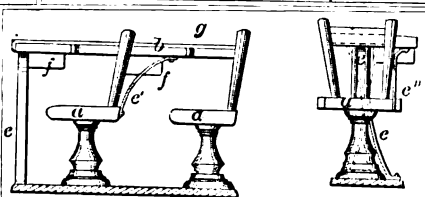
74497—B. J. Camp—Sawdust Saw.



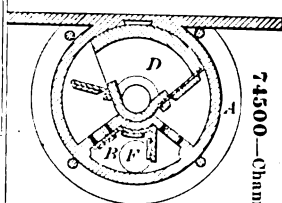
74498—Carpenter & Slight—Churn.



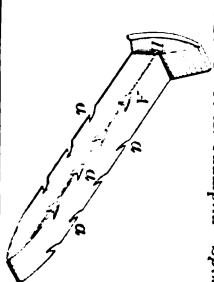
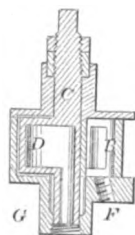
74499—J. H. Chadwick—Carriage Spring Brace.



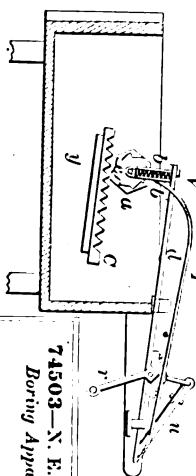
74504—M. B. Cochran—School Desk and Seat.



74500—Chamberlin & Garrett—Pump.

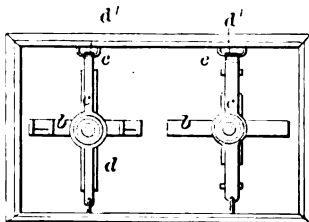


74501—J. H. Champlin—Spike.

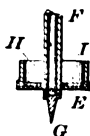
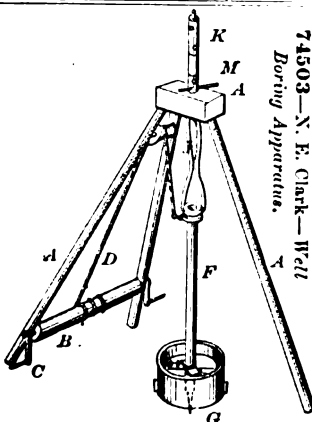


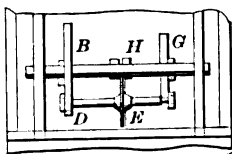
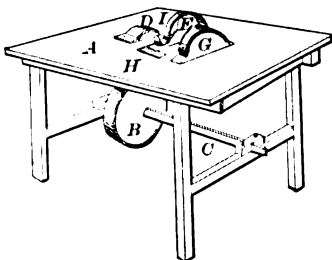
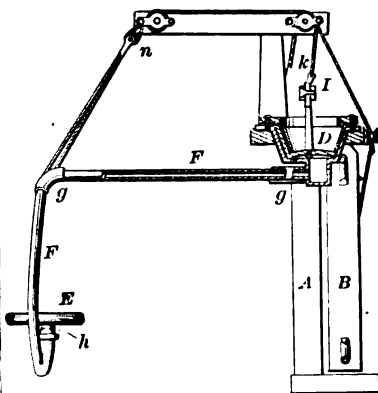
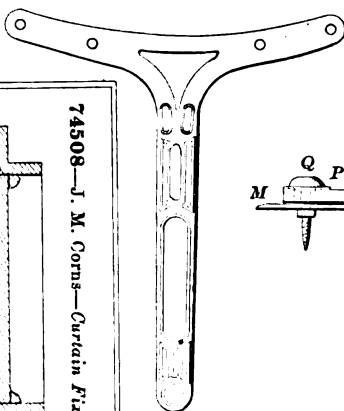
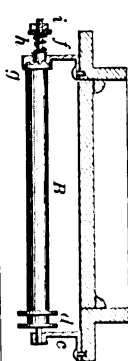
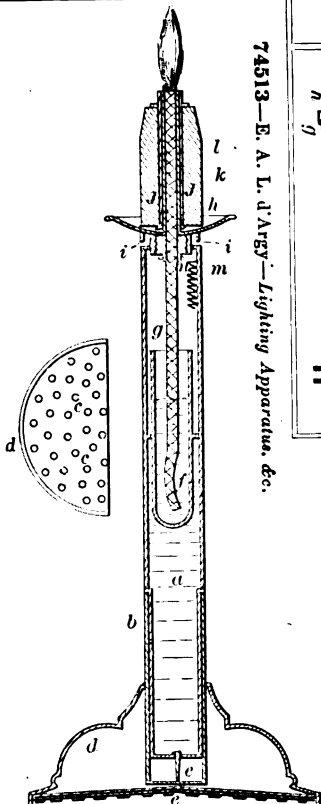
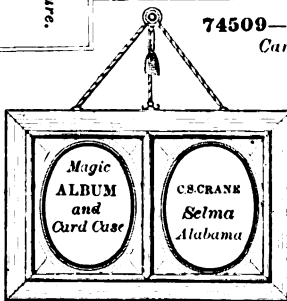
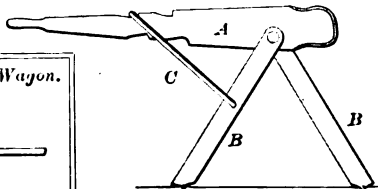
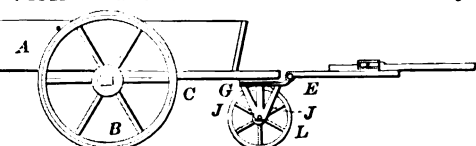
74502—Clark & Davis—Working Machine.

74505—J. T. Coc—Churn.

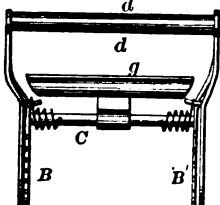


74503—N. E. Clark—Well Boring Apparatus.

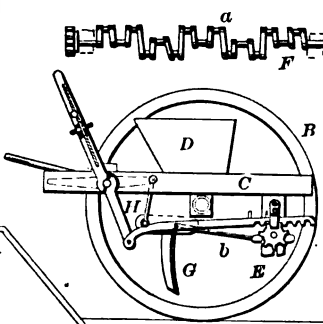


**74506—J. Collins, Jr.—For Cutting Rags.****74507—L. O. Colvin—Cow Milking Machine.****74510—W. G. Creamer—Seat Arm for Railroad Chairs.****74508—J. M. Corns—Curtain Fixture.****74513—E. A. L. d'Arvey—Lighting Apparatus, etc.****74509—C. S. Crane—Card Safe.****74512—A. M. Culver—Lifting Jack.****74511—L. T. Crockett—Three-Wheeled Farm Wagon.**

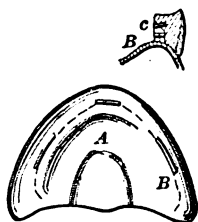
**74514**—J. B. F. Davidge—  
*Blower Holder.*



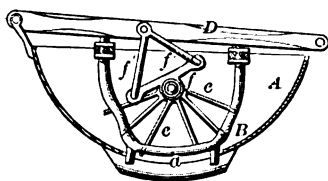
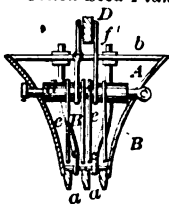
**74515**—C. F. Davis—*Grain Drill.*



**74516**—G. L. Derr—  
*Setting Artificial Teeth.*



**74518**—Doolittle & Crowder—  
*Cotton Seed Planter.*

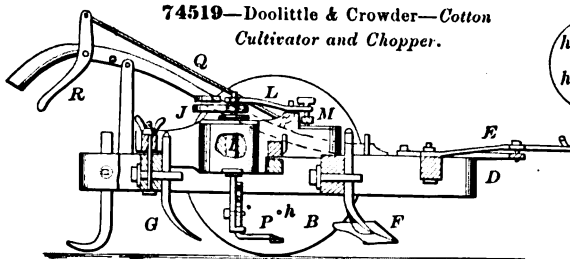


**74517**—E. L. Dickey—

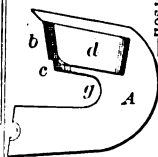


*Bag Clasp.*

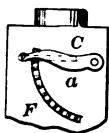
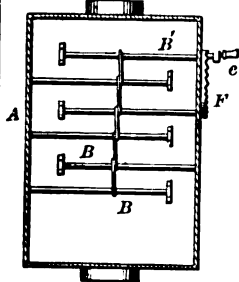
**74519**—Doolittle & Crowder—*Cotton Cultivator and Chopper.*



**74521**—J. E. Emerson—  
*Saw.*

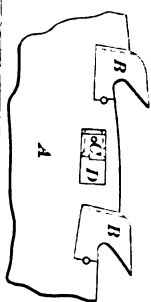


**74520**—Dowe & Colton—*Stove Pipe Drum.*

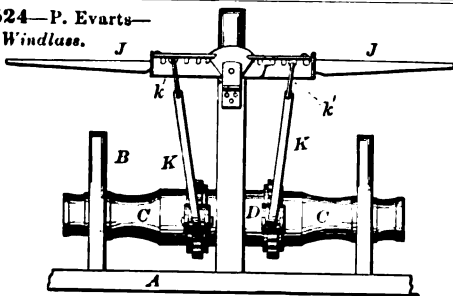


**74522**—Emerson & Winsor—*Saw.*

**74523**—Emerson & Winsor—*Saw.*



**74524**—P. Everts—  
*Windlass.*



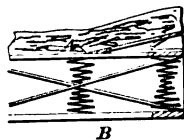
**74525**—J. Fearn—*Boot Heel.*



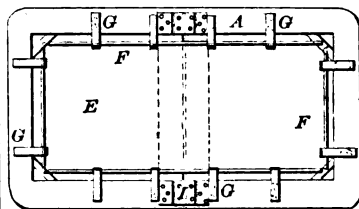
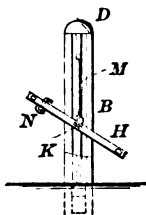
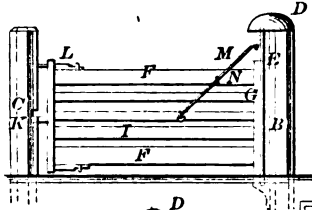
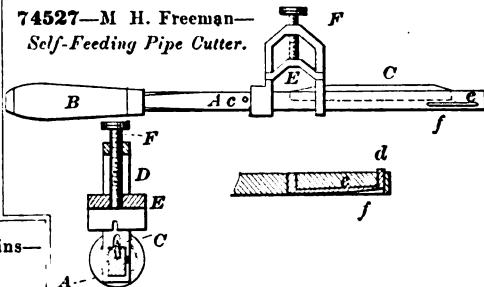
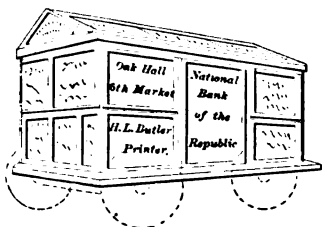
74526—A. C. Fletcher—Grate Bar.



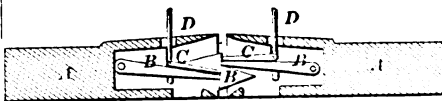
74528—A. Gebhard—Spring Mattress.



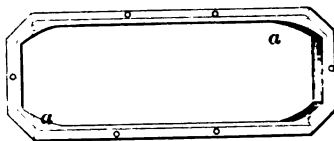
74529—C. E. Goodwin—Farm Gate.

74527—M. H. Freeman—  
Self-Feeding Pipe Cutter.74530—Harris, Roseman & Hutchins—  
Advertising Carriage.

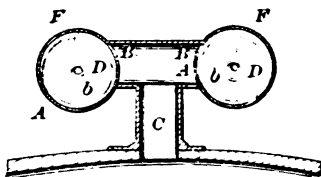
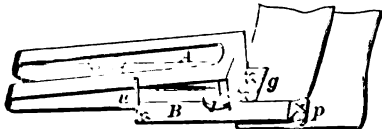
74532—J. C. Heaton—Car Coupling.



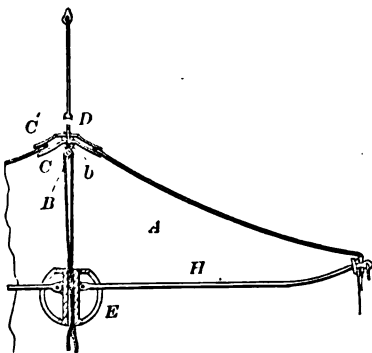
74531—J. R. Hathaway—Burial Case.



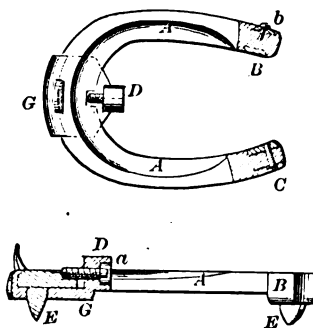
74534—M. T. Hitchcock—Car Ventilator.

74533—W. H. Meyer—Hemmer, Marker, &c.,  
for Seicing Machines.

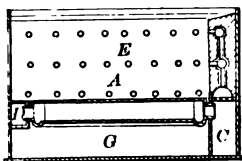
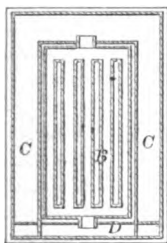
74535—J. B. Holmes—Canopy for Bed Nettings.



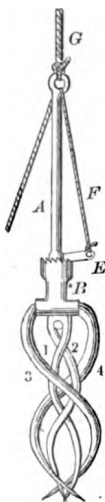
74539—N. W. Hubbard—Horse Shoe.



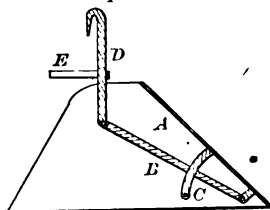
74536—M. L. Horton—Furnace.



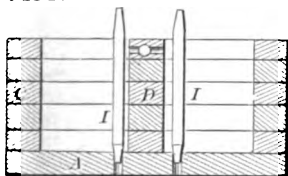
74538—D. J. Howensine—Horse Hay Fork.



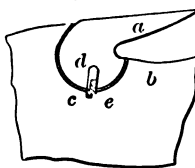
74537—W. H. Horton—Lamp Shade.



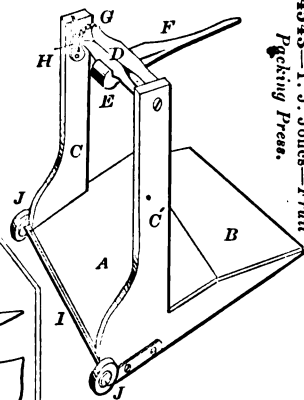
74540—J. Huber—Tan Vat.



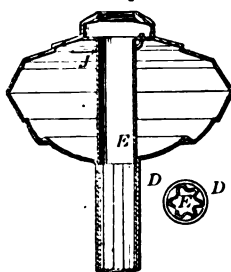
74541—E. Humphrey—Saw.



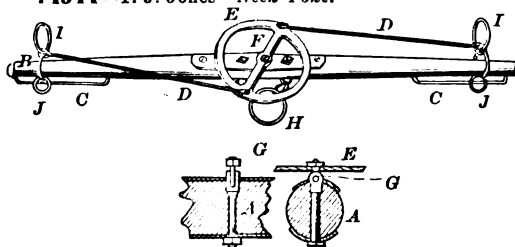
74543—T. J. Jones—Fruit Picking Press.

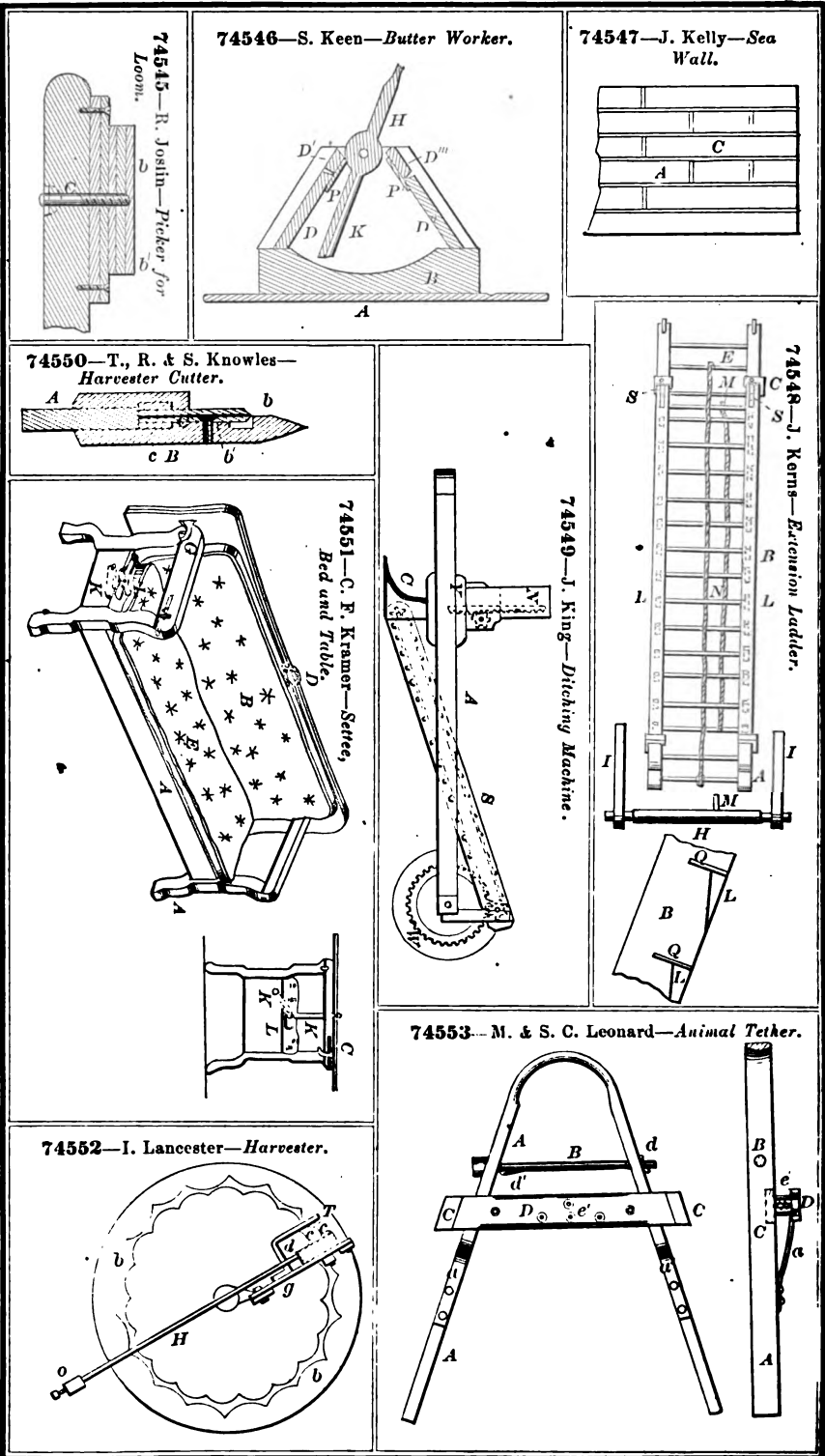


74542—J. Ingersoll—Lamp.

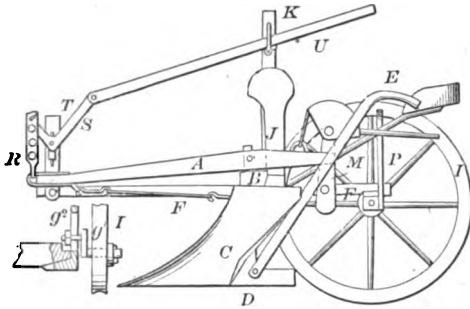


74544—T. J. Jones—Neck Yoke.

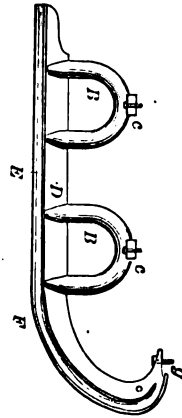




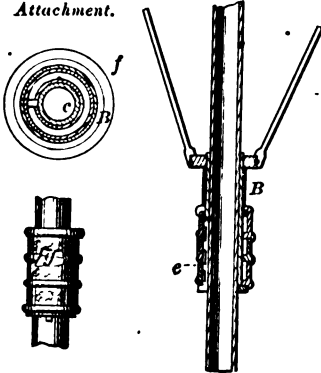
74554—E. Levee—Sulky Plow



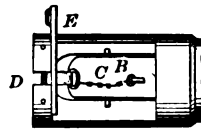
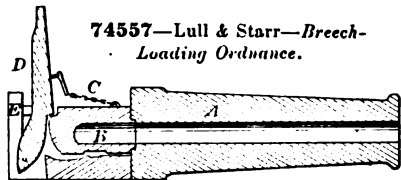
74556—Lockwood & Frederick—Straight Runner.



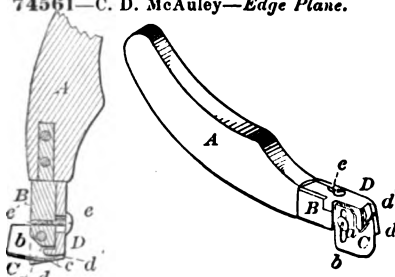
74555—Lieb & Crane—Umbrella Attachment.



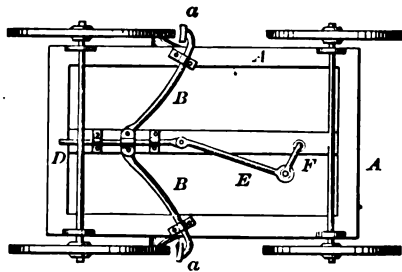
74557—Lull & Starr—Breech-Loading Ordnance.



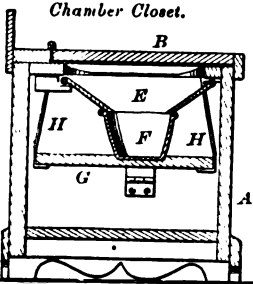
74561—C. D. McAuley—Edge Plane.



74559—H. B. Marshall—Vehicle Brake.



74558—W. J. Lyman—Chamber Closet.



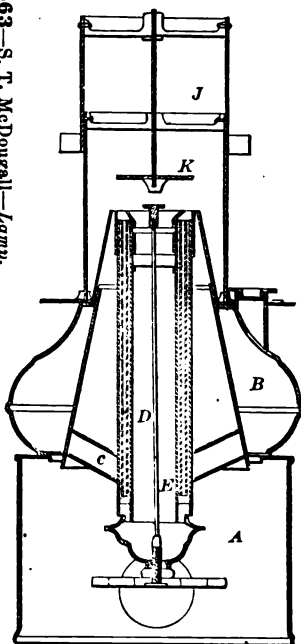
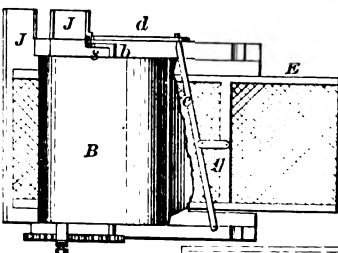
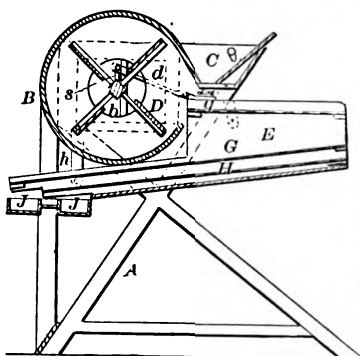
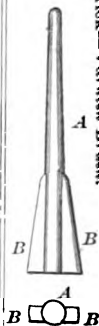
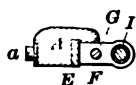
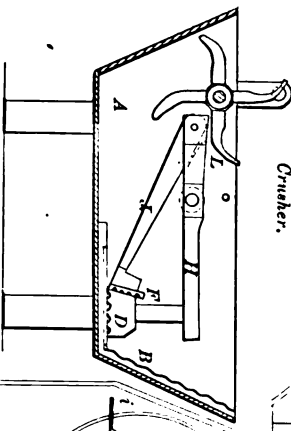
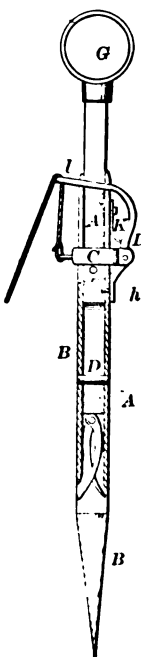
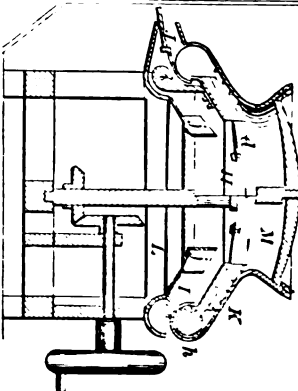
74560—T. F. Maury—Tooth Brush.



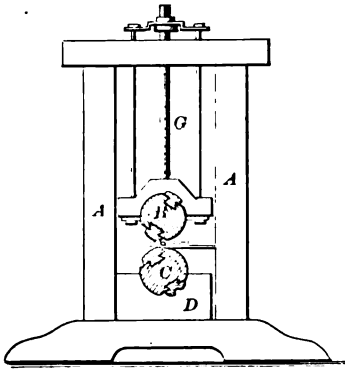
74562—L. P. McCarty—Newspaper File.



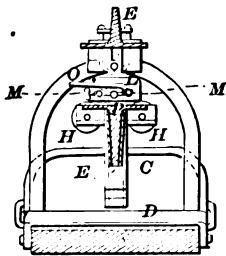
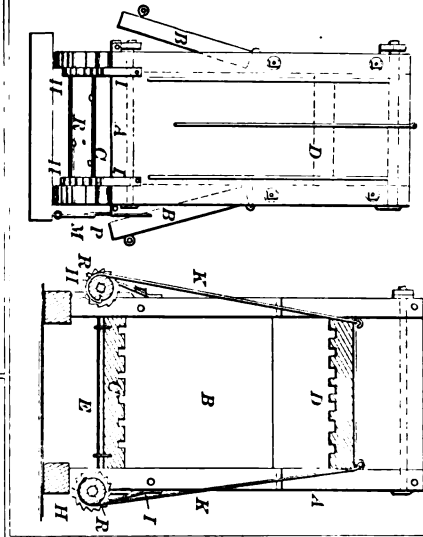


74563—S. T. McDougall—*Lamp.*74567—S. McMillan—*Fanning Mill.*74566—J. McKittick—*Varnish Brush.*74568—E. R. Meeker  
*Implement.*74564—S. T. McDougall—*Quartz  
Crusher.*74565—E. McKenzie—*Hoare Hay Fork.*74569—J. A. Merriman—*Corn Sheller.*

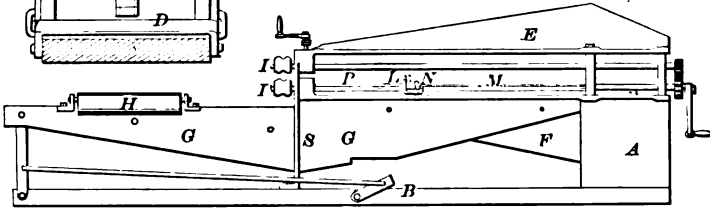
74570—S. A. Millard—Rolling Hoes.



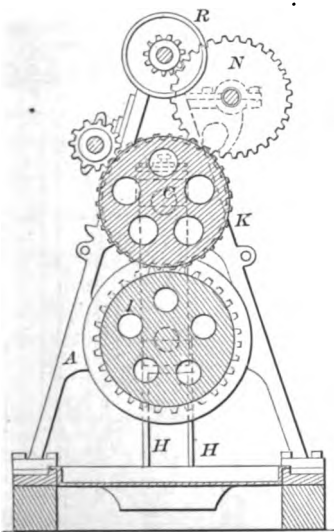
74571—M. R. Mollereau—Hay Press.



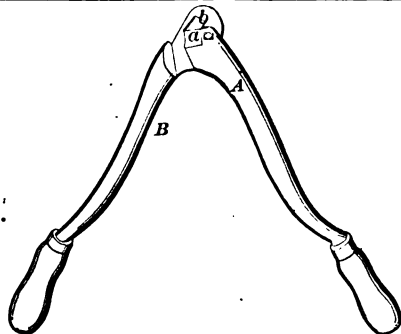
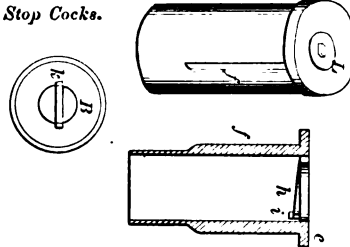
74572—G. R. Moore—For Corrugating Sheet Metal.



74574—J. Moore—Cane Mill and Steam Engine.

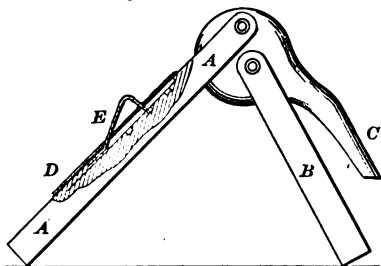


74573—Moore, Frink & Frink—Box for Street Stop Cocks.

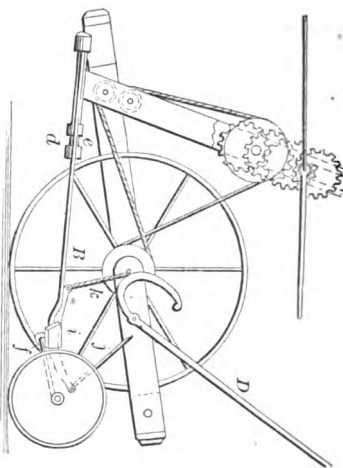


74575—T. W. Moore—Bolt Cutter.

74576—A. Myers—Carriage Jack.

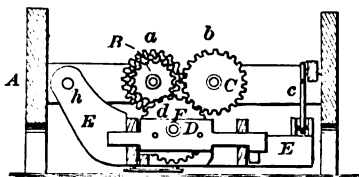
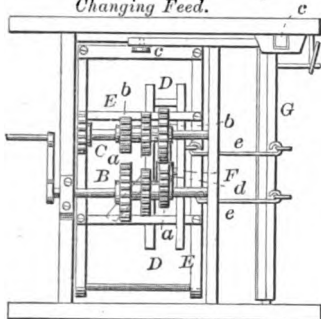


74577—W. Neff—Harvester.

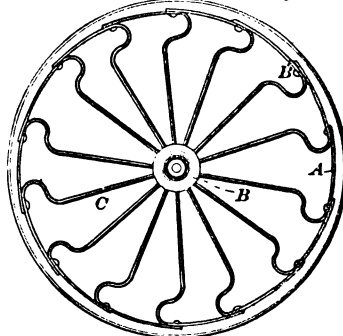


74577—W. Neff—Harvester.

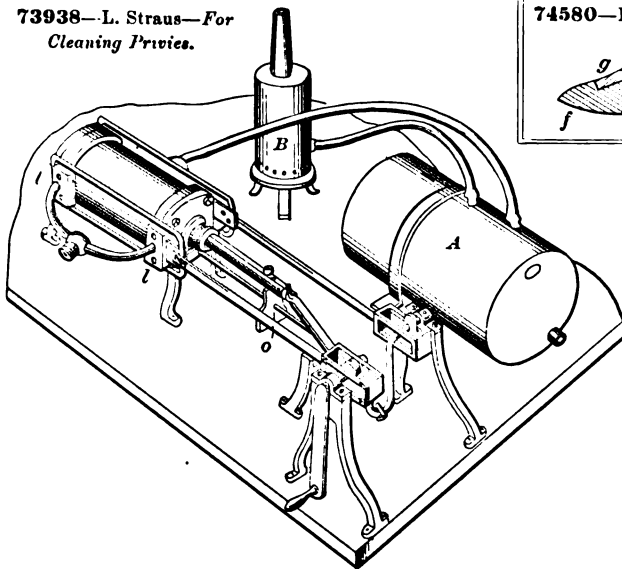
74578—R. L. Nelson—Device for Changing Feed.



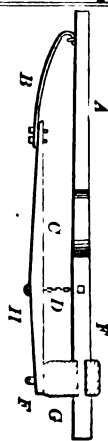
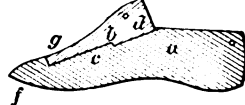
74579—T. &amp; J. Nevison—Carriage Wheel.



73938—L. Straus—For Cleaning Privies.

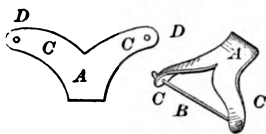


74580—P. A. Newhall—Last.

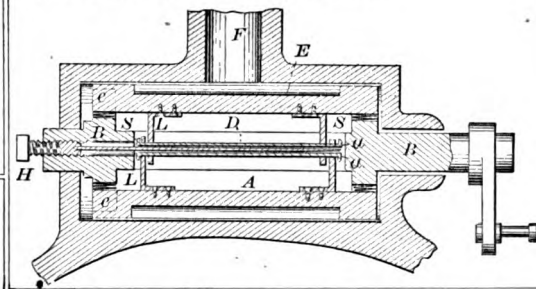


74581—D. C. Newton—Wagon Pole Support.

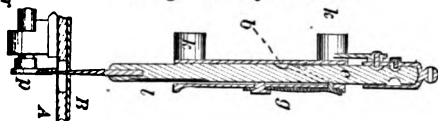
**74582**—G. & W. L. Nixon—  
*To Prevent Hogs from Rooting.*



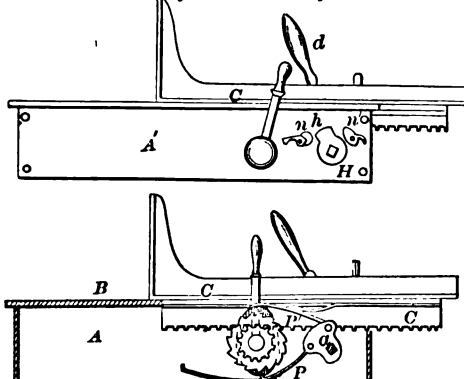
**74583**—W. Ord—*Steam Engine Valve.*



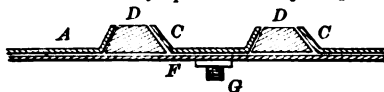
**74584**—T. C. Page—*Sewing Machine.*



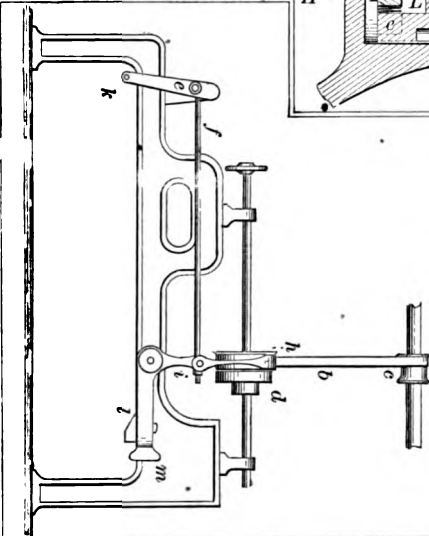
**74588**—B. P. Perry—*Head Block for Saw Mills.*



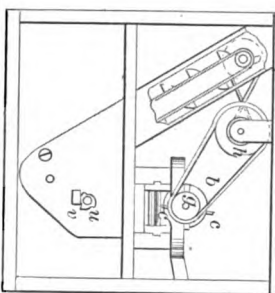
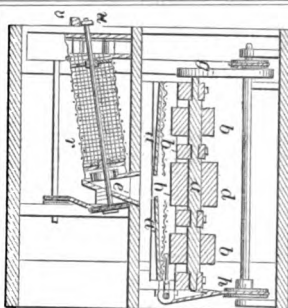
**74589**—G. M. Plympton—*Carriage Step.*



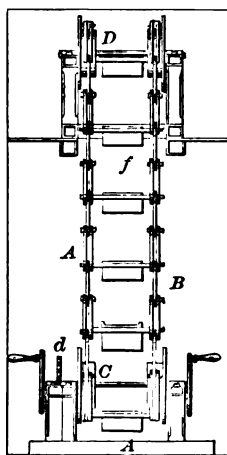
**74585**—Paley & Rawsthorn—*Spinning Mule.*



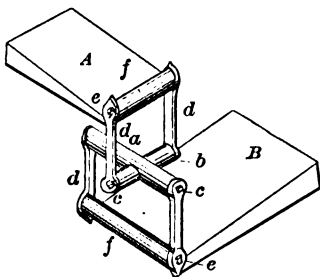
**74586**—Pearson & Coburn—*For Cutting and Separating Dye Woods.*



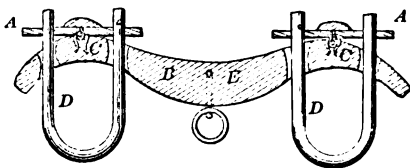
**74590**—A. Pohl—*Brick and Mortar Elevator.*



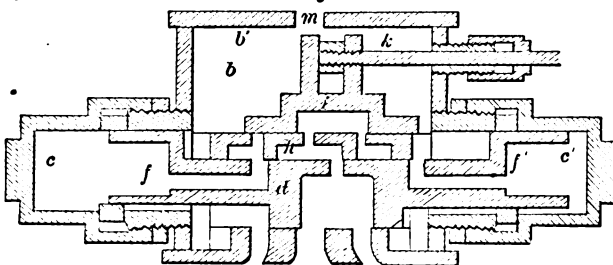
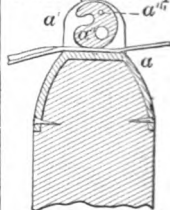
74591—J. Price—Wagon Shackle.



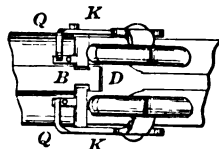
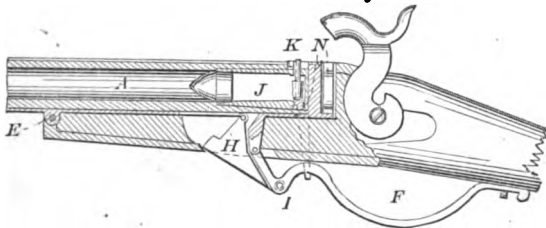
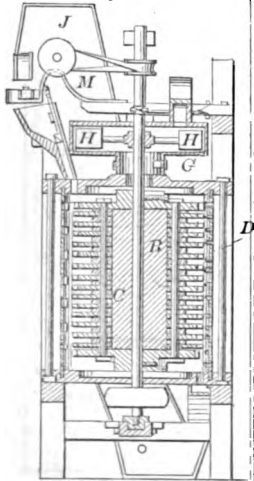
74592—H. Rawson—Yoke.



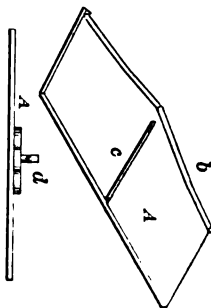
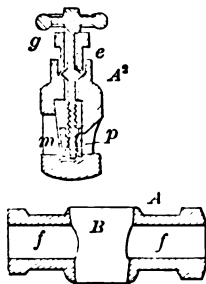
74593—J. Reichmann—Steam Engine Valve.

74596—  
R. N. Roberts—  
Hitching Post Cap.

74594—S. S. Rembert—Breech-Loading Fire Arm.

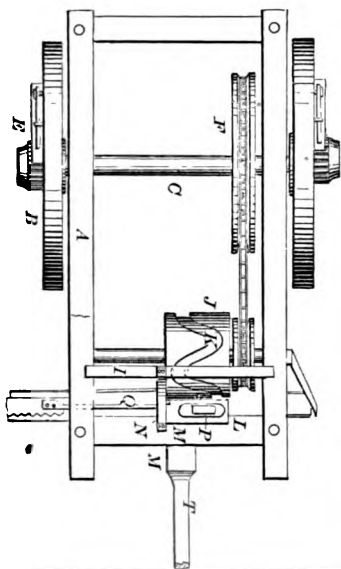
74595—W. Rickard—  
Pearl Barley Machine.

74598—G. O. Roe—Plate Lifter.

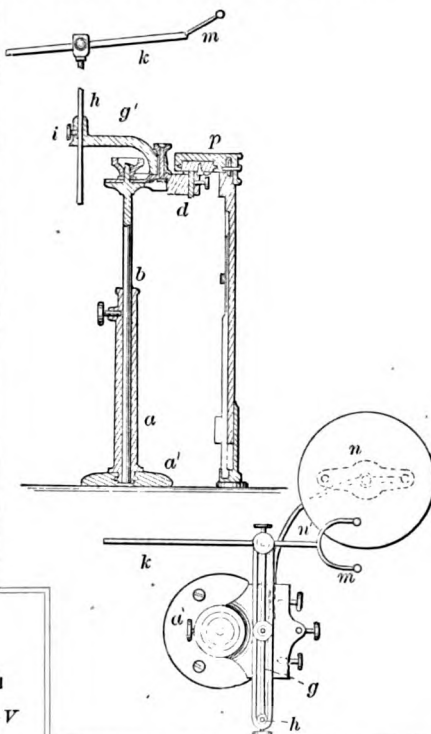
74597—L. C. Rodier—  
Steam Globe Valve.

74599—E. T. Rogers—Hoe and Shoe.

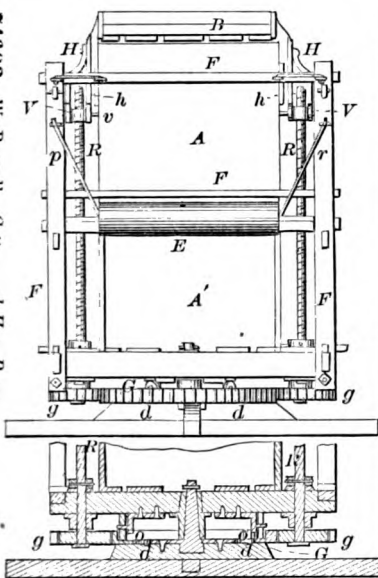
74600—W. Rose—Harvester.



74604—N. Sarony—Photographic Rest.



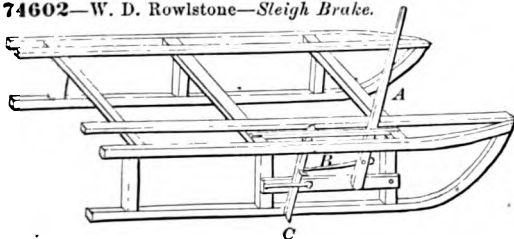
74603—W. Russell—Cotton and Hug Press.



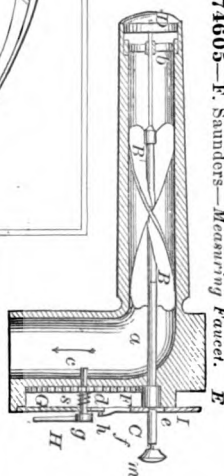
74601—M. Rothschild—Pliers.



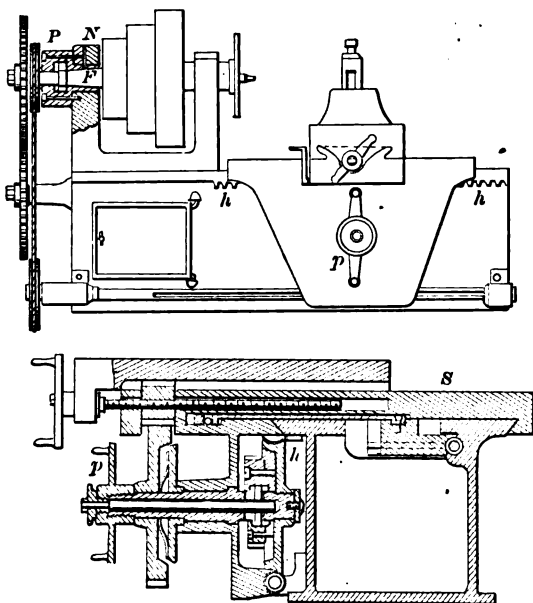
74602—W. D. Rowlstone—Sleigh Brake.



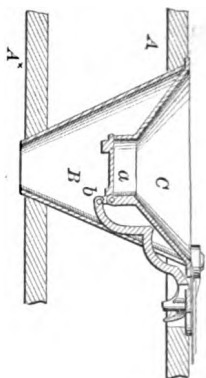
74605—F. Saunders—Measuring Faucet.



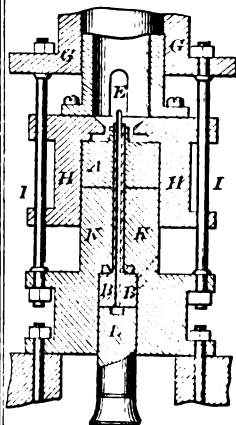
74609—W. Sellers—Lathe for Turning Iron.



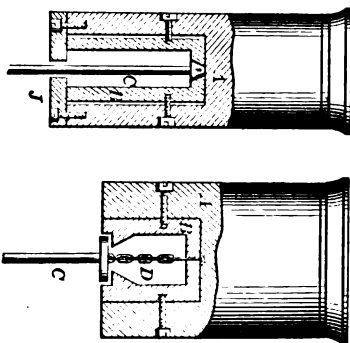
74610—J. H. Seymour—Spittoon for Cars.



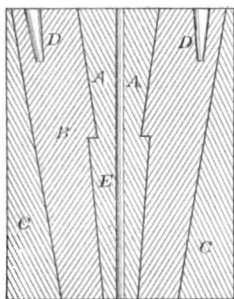
74612—W. A. Shaw—Manufacture of Tin-Lined Lead Pipe.



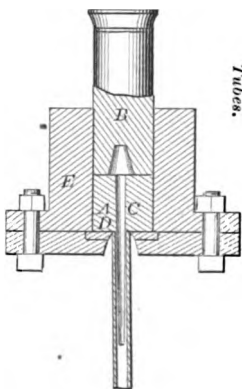
74611—W. A. Shaw—Manufacture of Tin-Lined Lead Pipe.



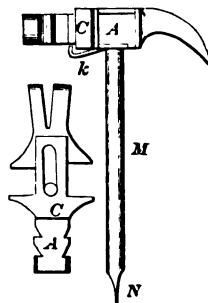
74613—W. A. Shaw—Lead Pipe.



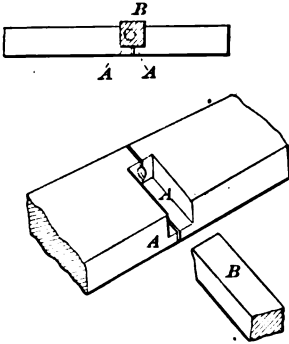
74614—W. A. Shaw—Making Tapering Tubes.



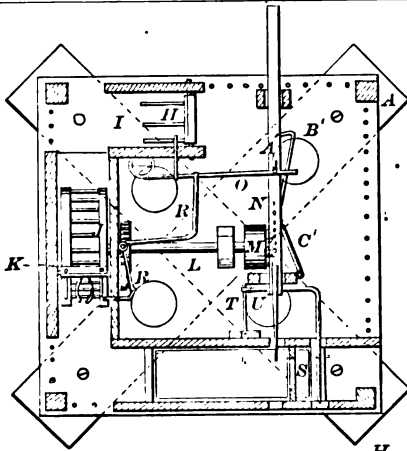
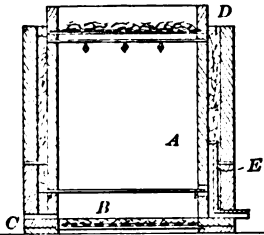
74615—O. Shepard—Hammer



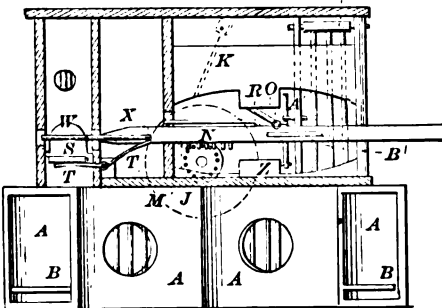
**74616**—W. Shields—Die for Square Headed Bolts.



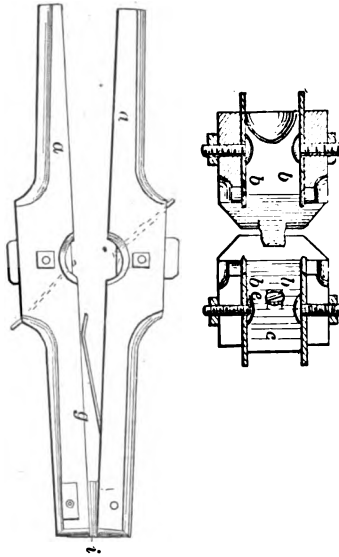
**74618**—W. Y. Singleton—Beehive.



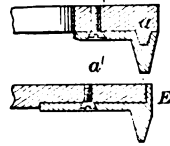
**74617**—J. A. Sinclair—Animal Trap.



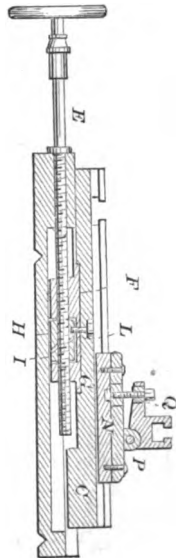
**74619**—R. T. Sutterley—Baling Tobacco.



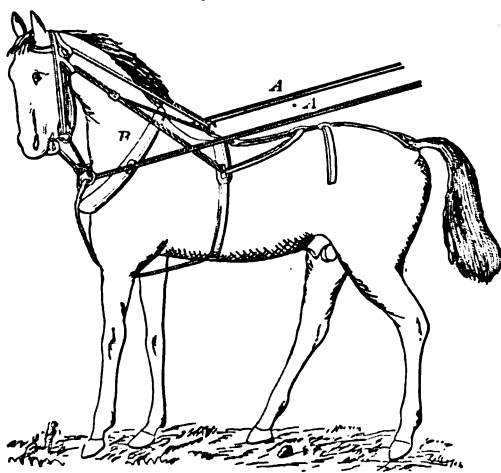
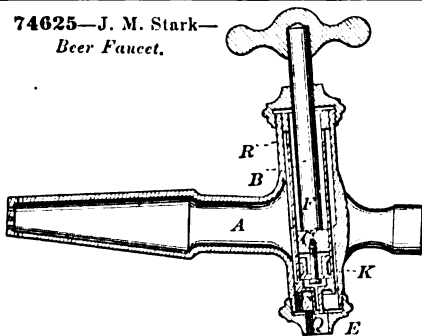
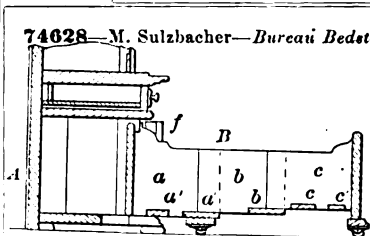
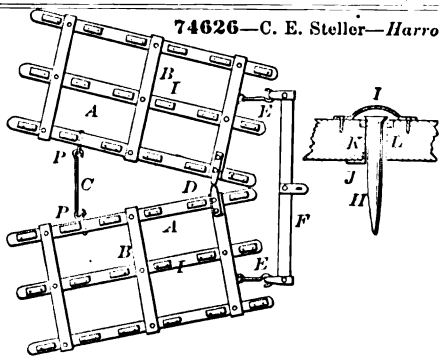
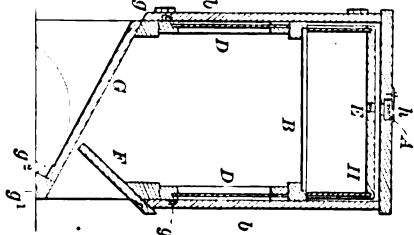
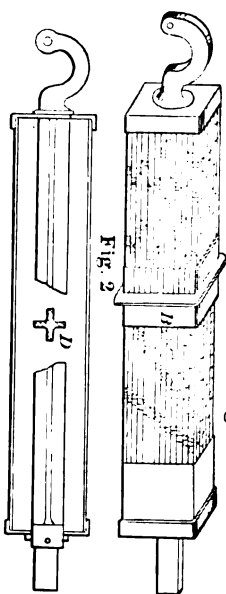
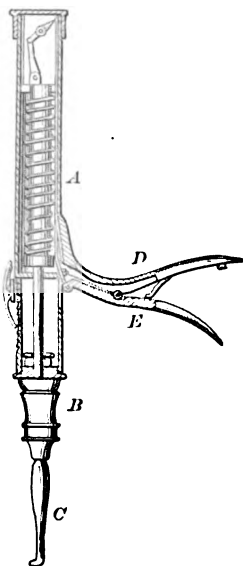
**74620**—G. W. Skinner—Horse Shoe.



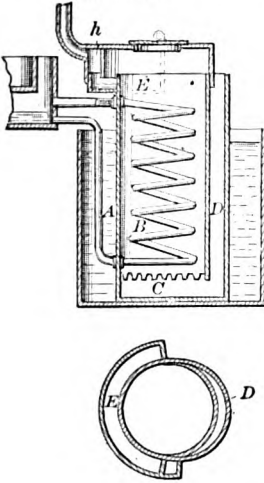
**74621**—H. K. Smith—Luthe Rest.



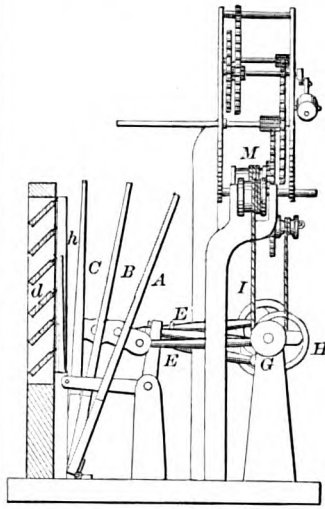


74623—J. J. Smokey—*Harness*74625—J. M. Stark—*Beer Faucet.*74628—M. Sulzbacher—*Bureau Bedstead*74626—C. E. Steller—*Harrow.*74627—H. A. Studger—*Beehive.*74624—G. A. Smythe—*Calculating Scale Beam.*74629—S. C. Taylor—*Dental Instrument.*

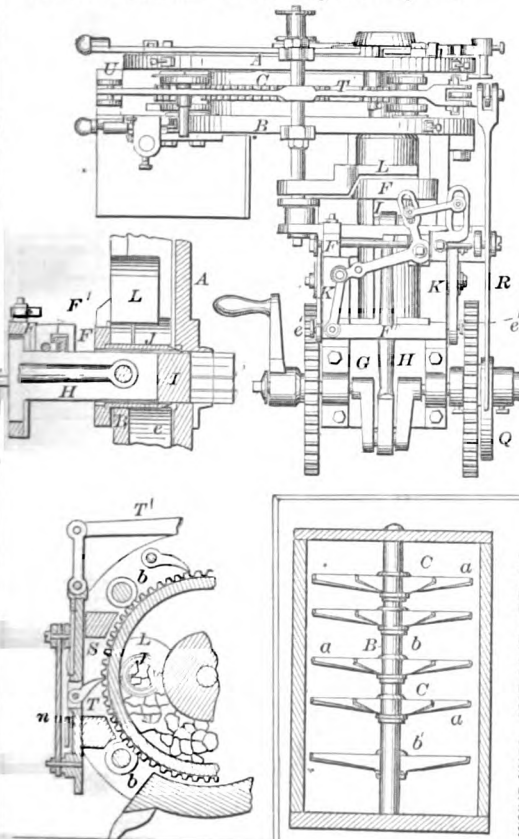
**74630**—W. H. Thomas—*Water Heater for Baths.*



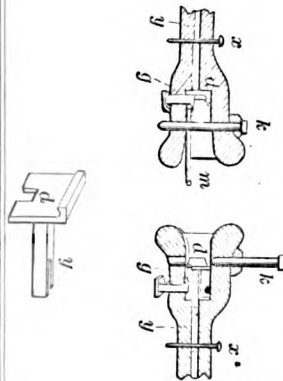
**74632**—I. P. Tice—*Wind Mill.*



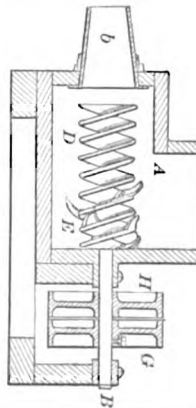
**74634**—L. Tilton—*For Bundling Kindling Wood.*



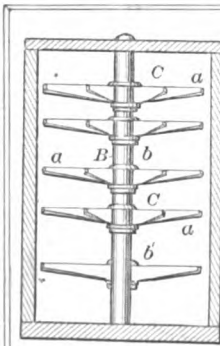
**74631**—S. & W. Thorpe—*Car Coupling.*

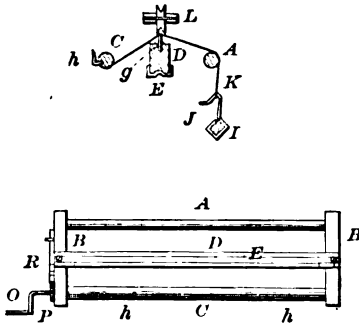
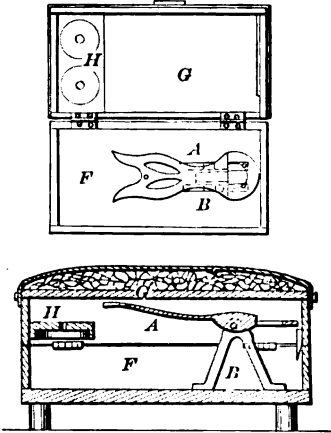
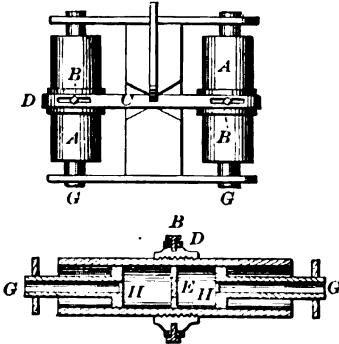
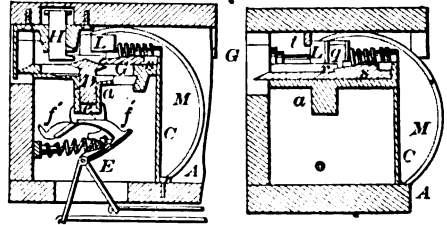
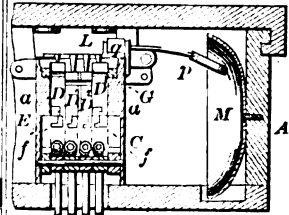
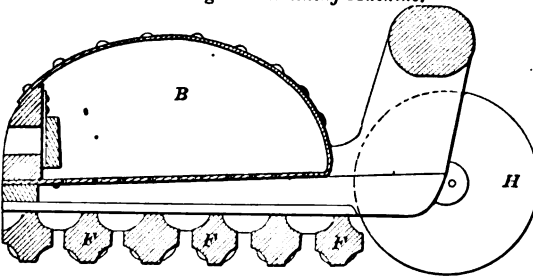
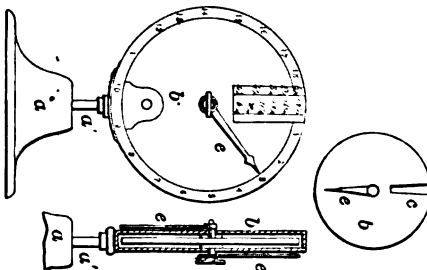
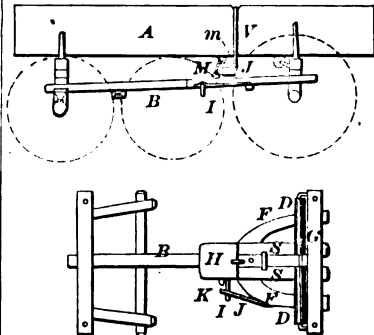


**74635—J. Tisdale—*Peat Machine.***

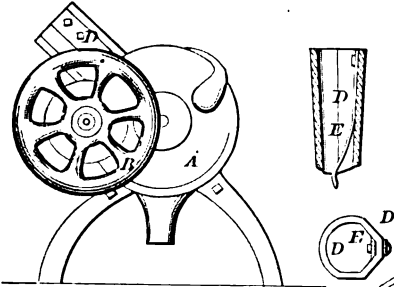


74633—1. P. Tice—*Milk Hack*.

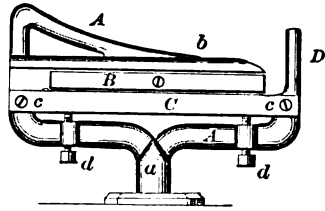


**74636**—A. W. Todd—*Frame for Moving Cloth.***74637**—J. Vandercar—*Boot Blacking Apparatus.***74638**—Vaughan & McGee—*Pump.***74639**—J. J. Wagenhorst—*Till Alarm and Lock.***74640**—C. E. Wahlgren—*Washing Machine.***74641**—T. Wallworth—*Computing Apparatus.***74642**—J. Walton—*Wagon Brake.*

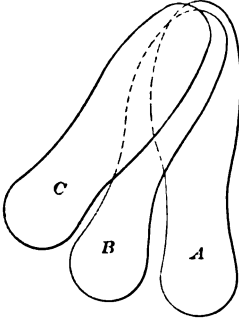
74643—J. Warren—*Corn Sheller.*



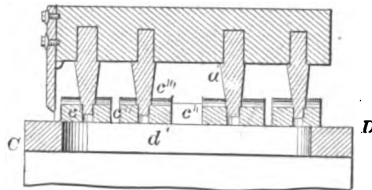
74644—W. G. Watson—*Silk Cleaner.*



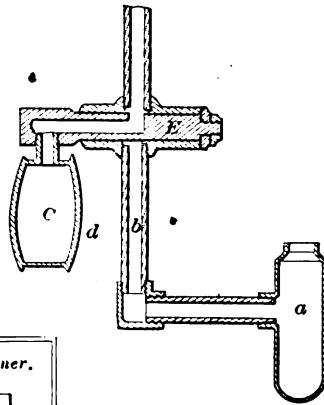
74645—R. Webster—*Inner Sole.*



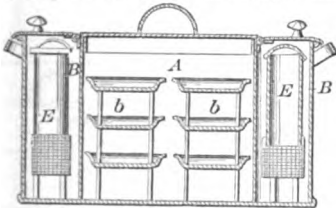
74646—B. G. Welch—*Gang Punch.*



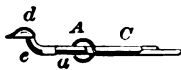
74648—A. J. White—*Oil Burning Apparatus.*



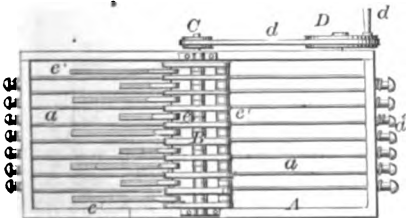
74647—West & Camp—*Culinary Boiler.*



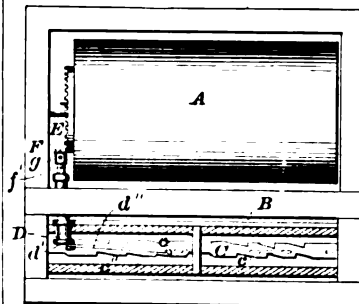
74649—E. P. Whitney—*Carriage Curtain Fastener.*



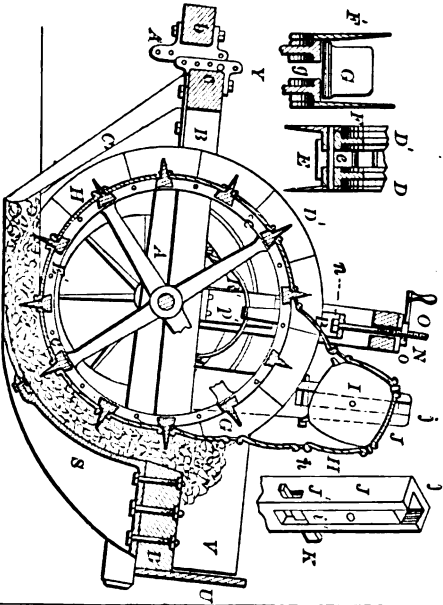
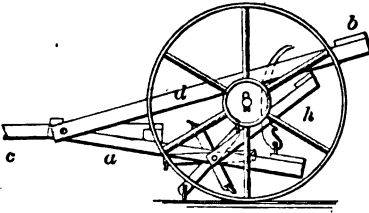
74650—A. S. Whittemore—*Grain Thresher.*



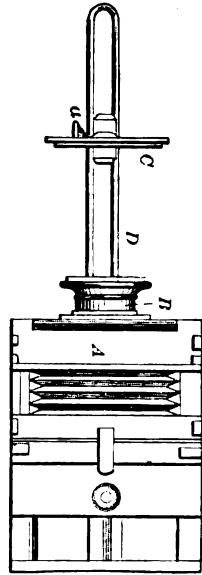
74651—D. Wilber—*Seed Sower and Field Roller.*



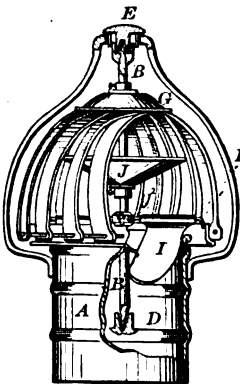
74652—J. D. &amp; J. H. Wilde—Cornstalk Cutter.



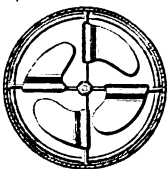
74653—L. M. Williams—Dieing Machine.



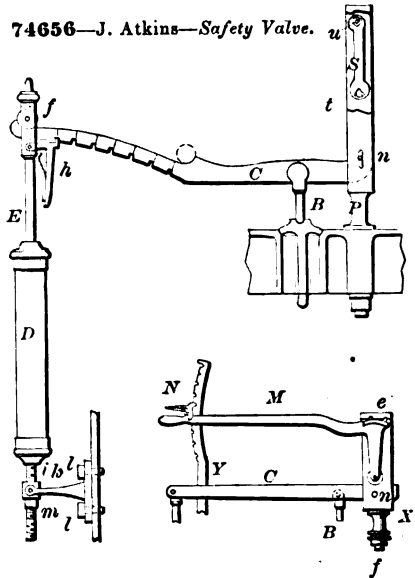
74654—F. Wolf—For Vignetizing Photographic Negatives.



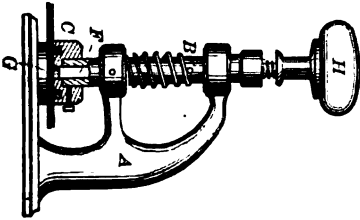
74655—H. B. North—Ventilator.



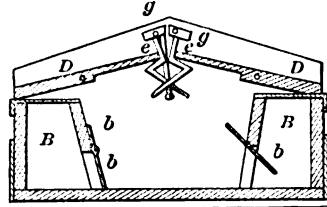
74656—J. Atkins—Safety Valve.



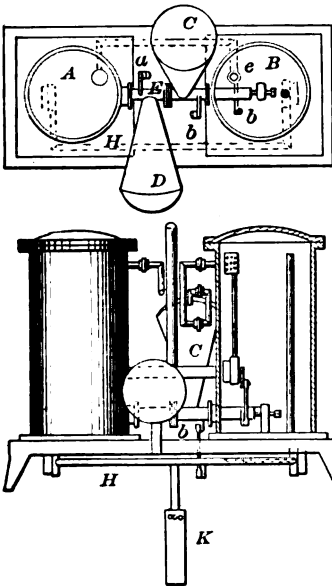
74657—J. H. Berret—*Hand Stamp.*



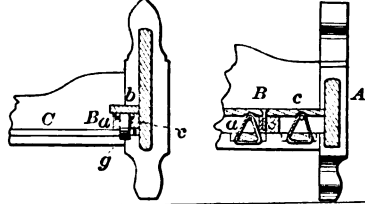
74658—W. J. & H. L. Biddle—*Animal Trap.*



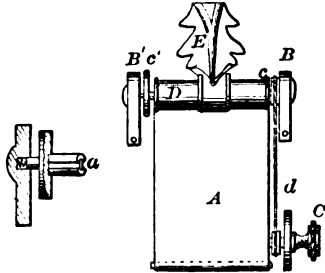
74659—E. Brockway—*Boiler Feeder.*



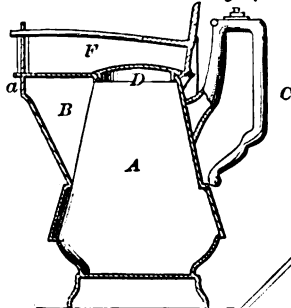
74660—J. H. Brown—*Red Bottom.*



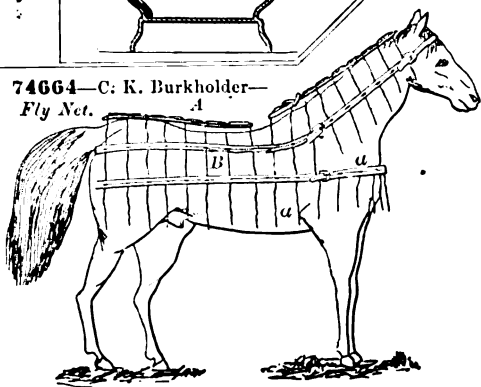
74661—W. Brown—*Curtain Fixture.*



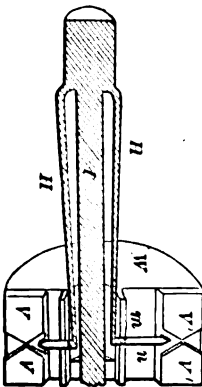
74663—H. Bullard—*Syrup Pitcher.*

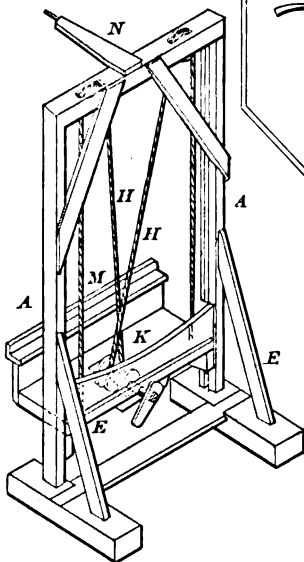
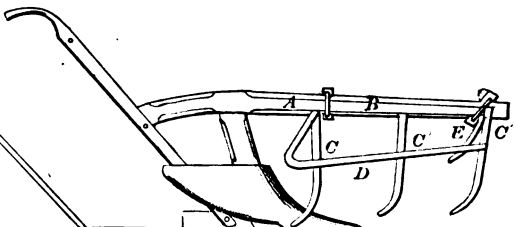
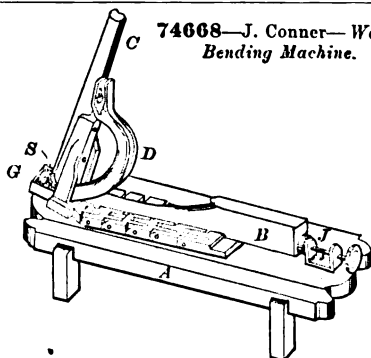
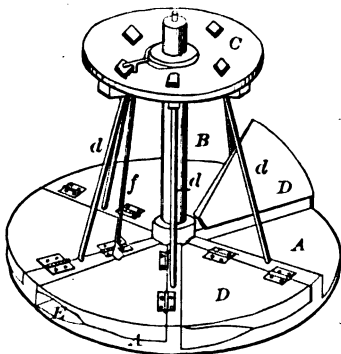
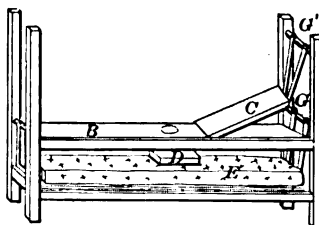
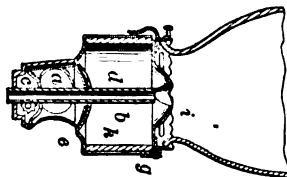
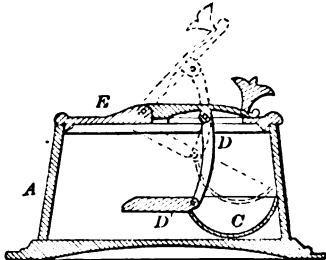
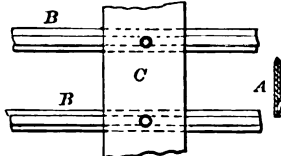


74664—C. K. Burkholder—*Fly Net.*

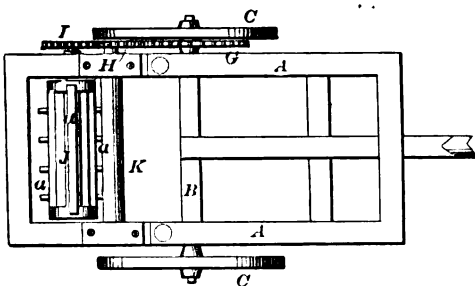


74662—H. T. Buff—*Rotary Steam Engine.*

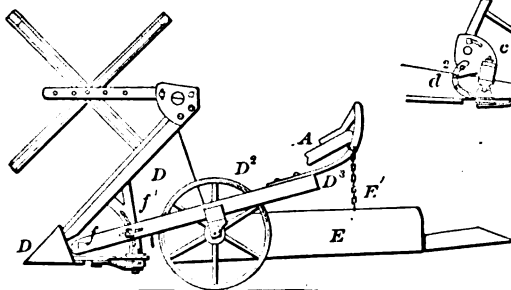
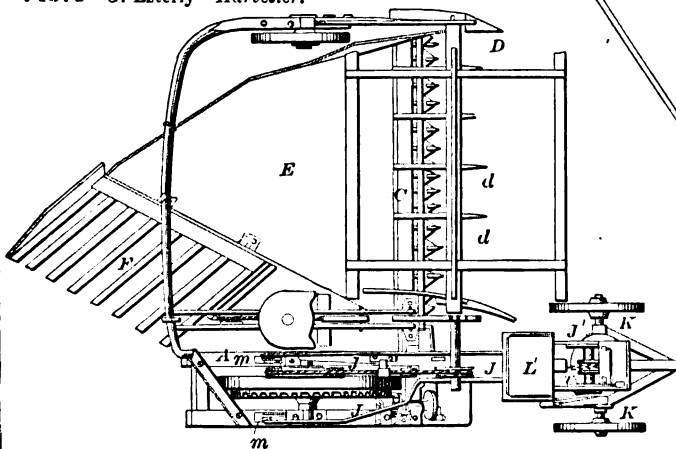


**74665**—O. S. Burton—*Staging.***74666**—S. Collins—*For Turning Down and Burying Stalks.***74668**—J. Conner—*Wood Bending Machine.***74667**—B. D. Compton—*Water Wheel.***74669**—H. Conway—*Hospital Bed.***74670**—Dailey, Johnson & Du Bois—*Lamp.***74671**—O. Dean—*Inkstand.***74672**—De Forest & Gilbert—*Hooped Skirt Spring.*

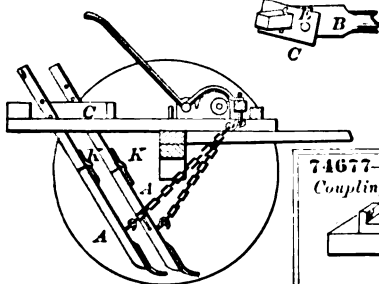
74673—D. L. Dickson—Harrow.



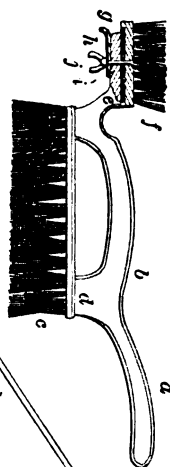
74676—G. Esterly—Harvester.



74678—J. Frank—Cultivator.



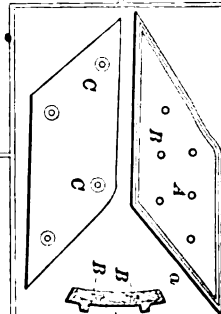
74674—J. H. Doughy—Blocking Brush.



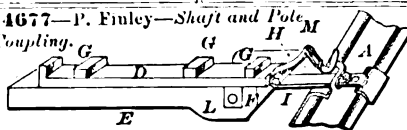
74675—W. J. Emeus—Spring Rod Bottom.



74679—Gaines & Scott—  
Pine Mould Machine, &c.

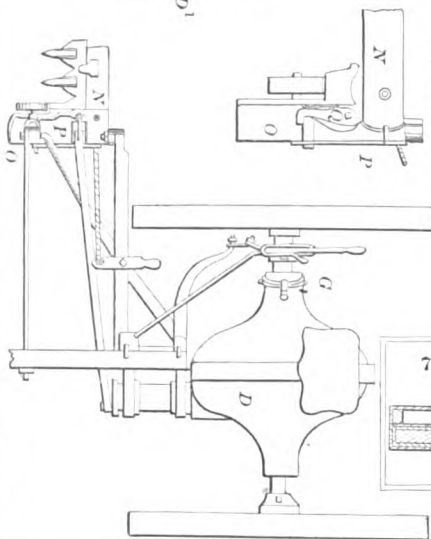
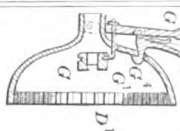
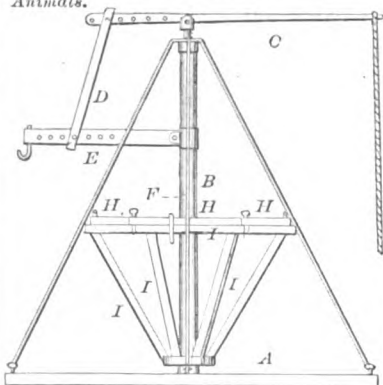


74677—P. Finley—Shaft and Pole  
Coupling.

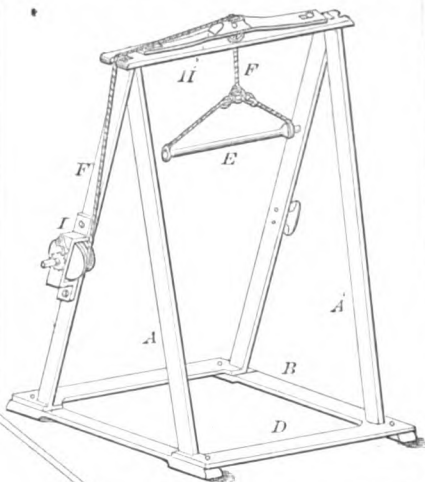




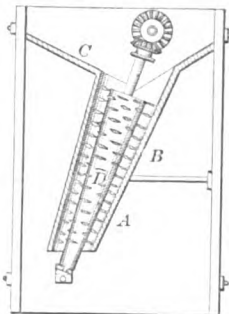
**74681—A. Graves—For Handling Animals.**



**74683—G. W. S. Hall—Exercising Apparatus.**

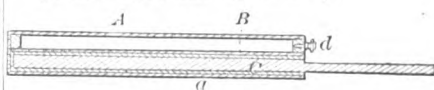


**74682—Z. G. Greenleaf—Bait and Vegetable Cutter.**

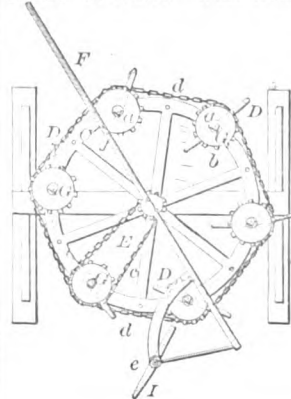


**74685—E. G. H. Hathway—Horse-drawn Implement.**

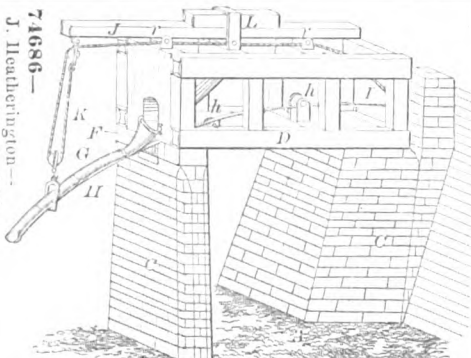
**74684—J. P. Hall—Razor Strip.**



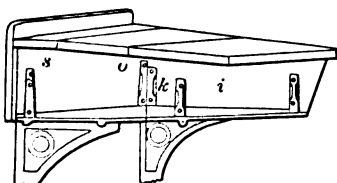
**74687—J. Hidden—Wind Wheel.**



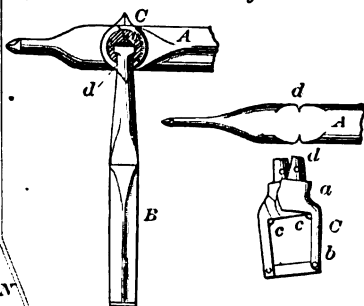
**74686—J. Leatherington—Extension Coal Chute.**



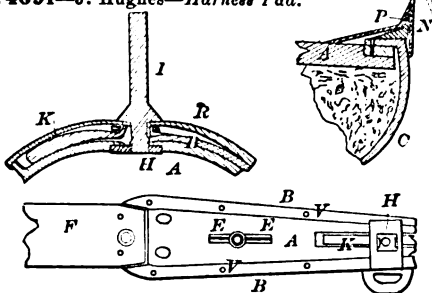
74688—G. W. Hildreth—*School Desk.*



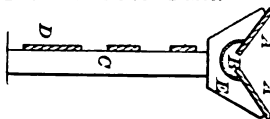
74689—E. Hitt—*Carriage.*



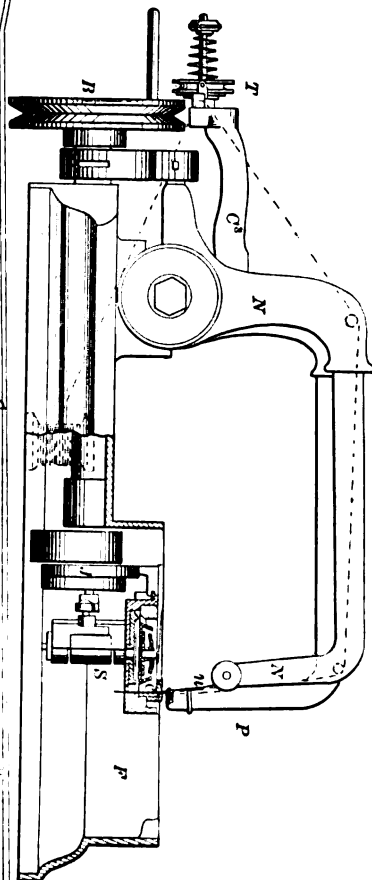
74691—J. Hughes—*Harness Pad.*



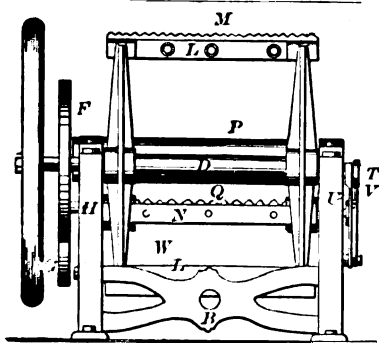
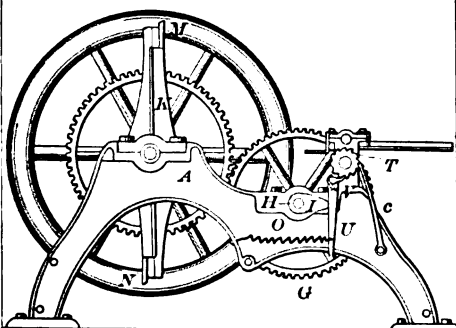
74690—L. Howe—*Fence.*



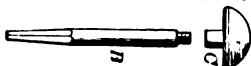
74694—G. L. Jencks—*Sewing Machine.*

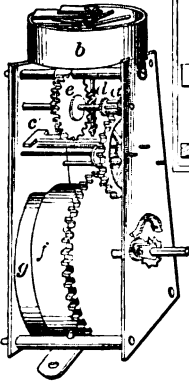
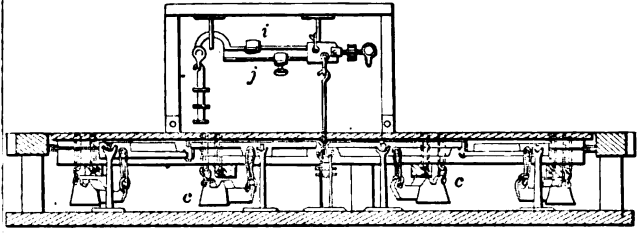
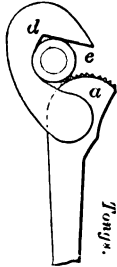
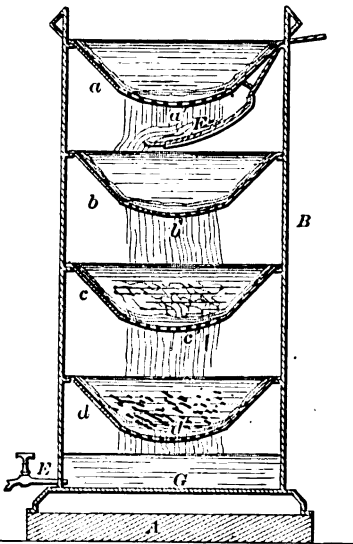
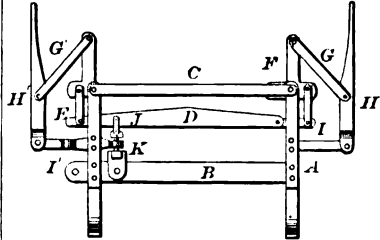
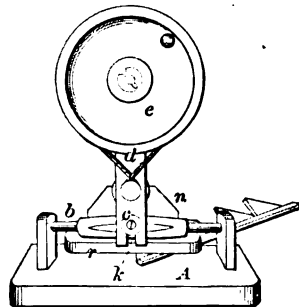
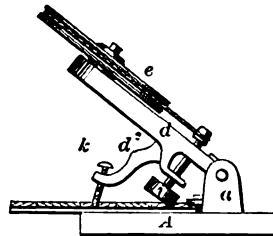
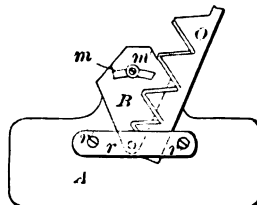
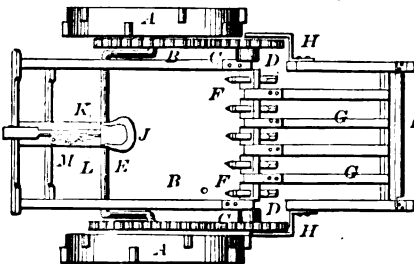


74693—J. M. Jay—*For Cutting Glaziers' Points.*

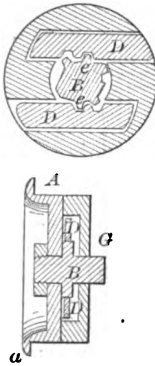


74692—E. D. Ives—*Picture Knob.*

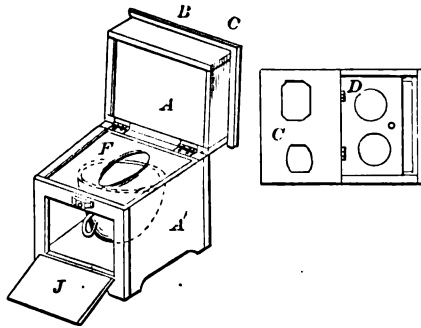


74696—J. F. Keeler—*Platform Scale.*74695—G. A. Jones—*Lamp Train.*74697—W. Kenyon, Jr.—*Type Tong.*74700—I. Lamplugh—*Punching Apparatus.*74698—J. D. Kirkpatrick—*Filtering Burning Fluid.*74701—W. H. Laubach—*For Grinding Moving Machine Cutters.*74699—Koenig & Otto—*Potato Digger.*

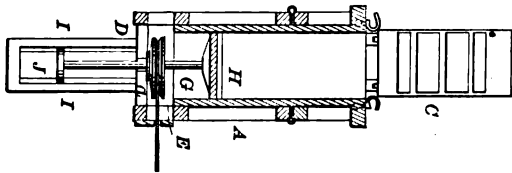
74702—J. B. Lefferson—Bung.



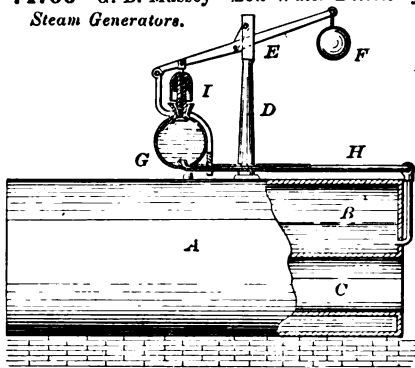
74705—J. Macferran—Blacking Case and Closet.



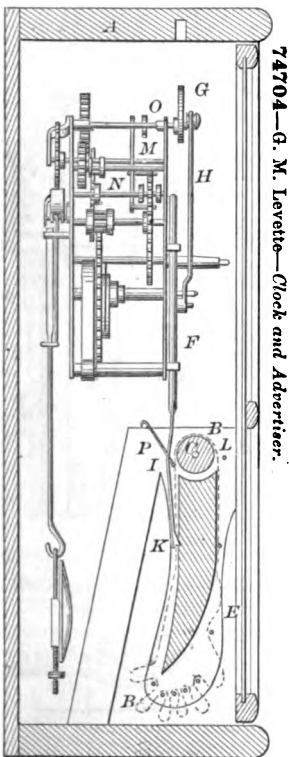
74703—C. Lent—Hay and Cotton Press.



74706—G. B. Massey—Low Water Detector for Steam Generators.

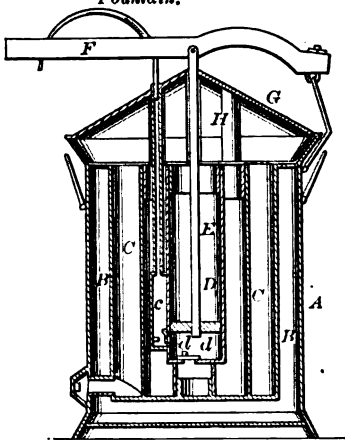


74707—D. S. McNamara—Shoe.

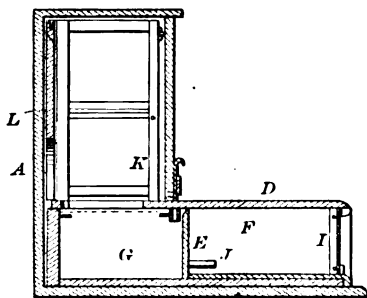


74704—G. M. Leveite—Clock and Advertiser.

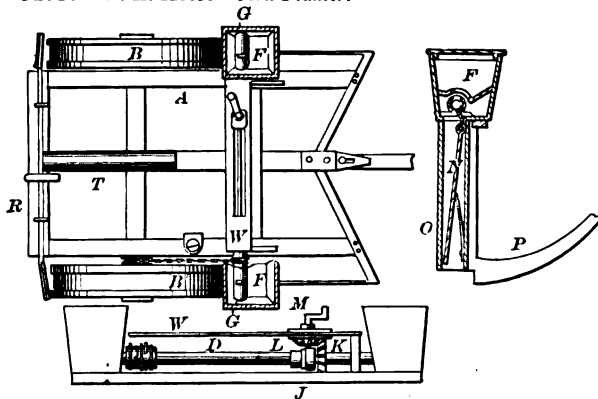
**74708—Milroy, Vaughn & Turley—Soda Fountain.**



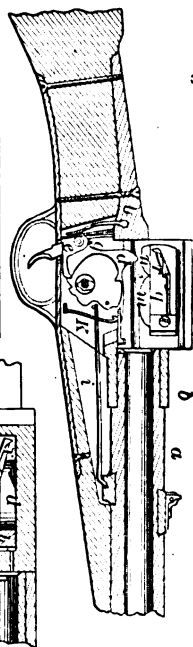
**74709—N. C. Mitchell—*Bechive*.**



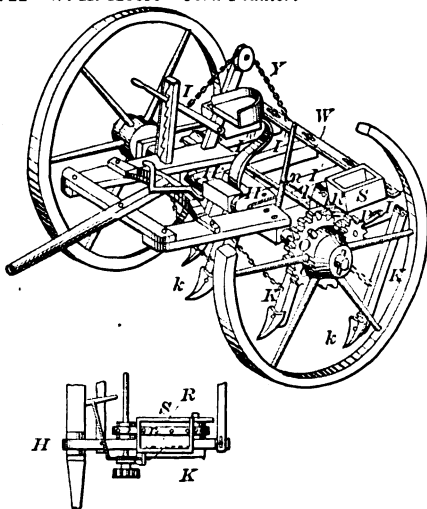
**74710—W. H. Moore—*Corn Planter.***



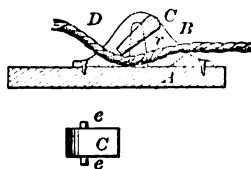
74712—W. Morgenstern—Fire Arm.



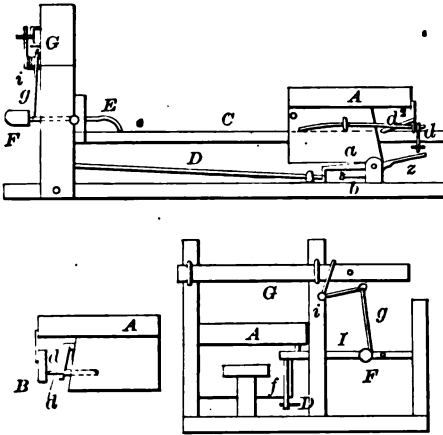
74711—W. H. Moore—*Corn Planter.*



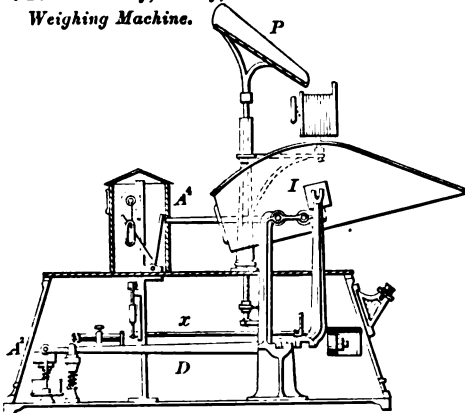
**74713**—G. R. Nebinger—*Clothes  
Line Clamp.*



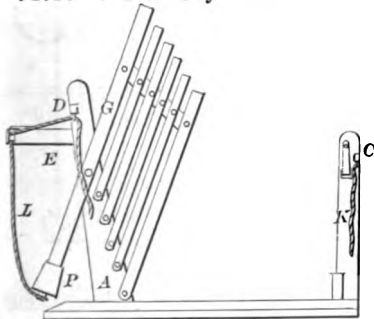
74714—T. Netherwood—*Spinning Jack.*



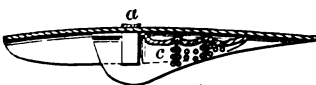
74719—Pooley, Pooley, Roberts & Luc—*Grain Weighing Machine.*



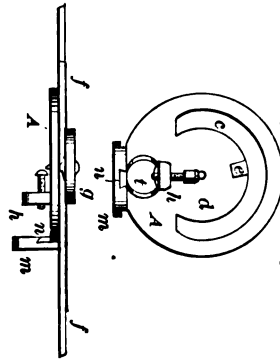
74716—O. & C. Perry—*Gate.*



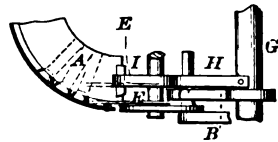
74720—E. L. Pratt—*Pen.*



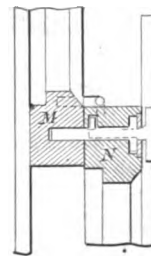
74715—W. B. Noyes—*Clothes Dryer.*



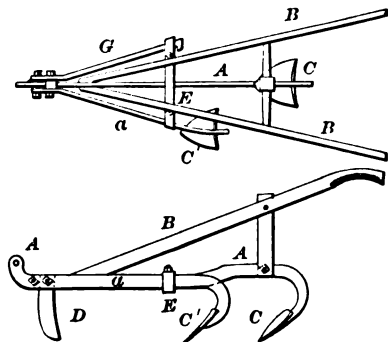
74717—E. S. Pierce—*For Conveying Screw Blanks.*



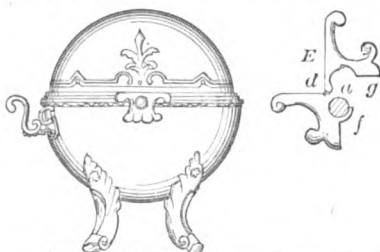
74718—L. Pierson—*Window Sash Fastener.*



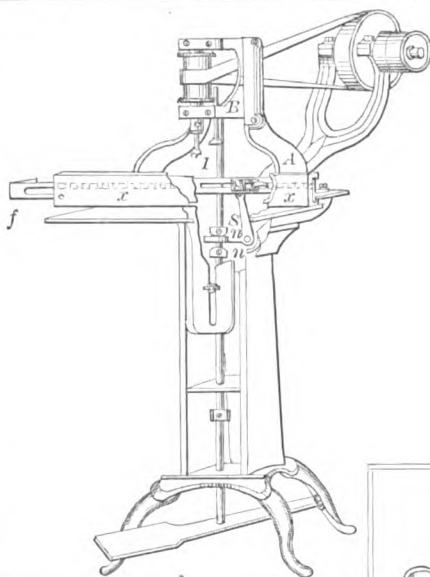
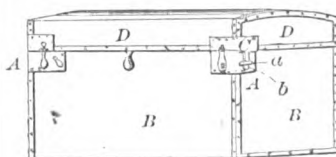
74721—B. F. Ream—*Plow and Cultivator.*



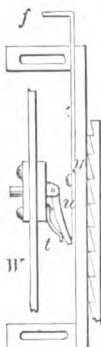
74722—I. A. Richards—Butter Dish.



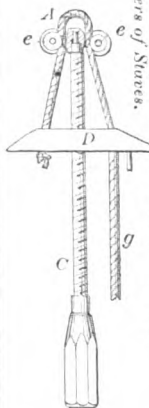
74723—E. Semple—Trunk.



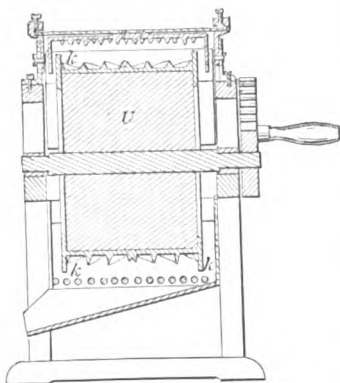
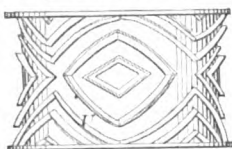
74724—J. M. Seymour—Spacing and Marking Machine.



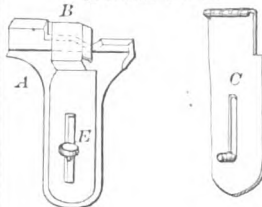
74725—W. Shepperman—Clamp for Trussing Cylinders of Staves.



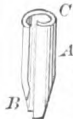
74726—E. F. Sherman—Corn Sheller.



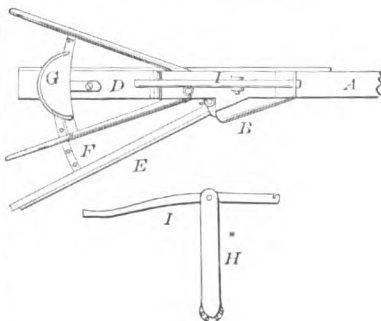
74727—L. C. Session—Sewing Machine Guide.



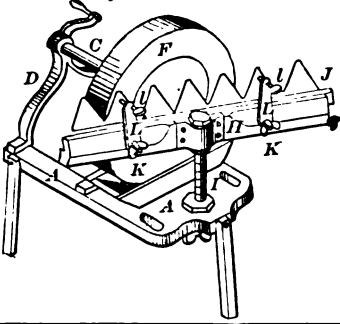
74728—O. C. Snyger—Pencil Sharpener.



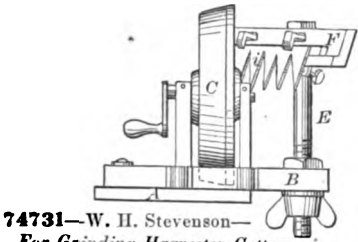
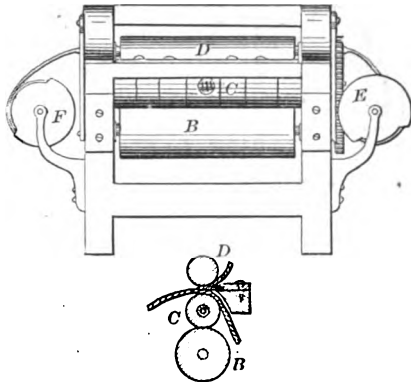
74729—S. W. Standart—Plow.



**74730**—W. H. Stevenson—*For Grinding Harvester Cutters.*

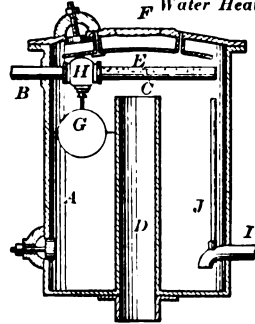


**74734**—F. J. Vittum—*Leather Splitting Machine.*

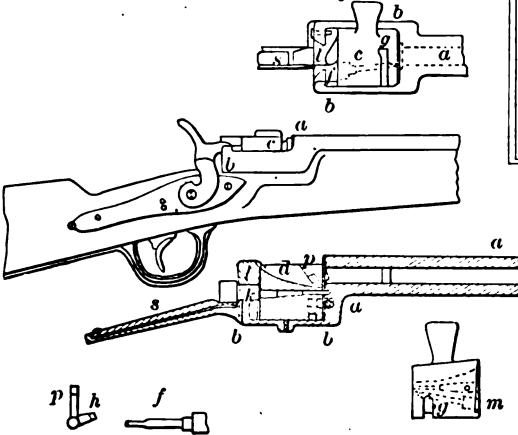


**74731**—W. H. Stevenson—*For Grinding Harvester Cutters.*

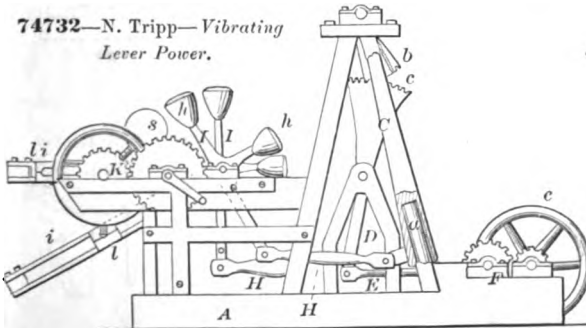
**74735**—H. N. Waters—*Feed Water Heater.*



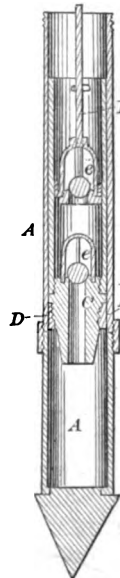
**74737**—J. Werndl—*Breech-Loading Fire Arm.*



**74732**—N. Tripp—*Vibrating Lever Power.*

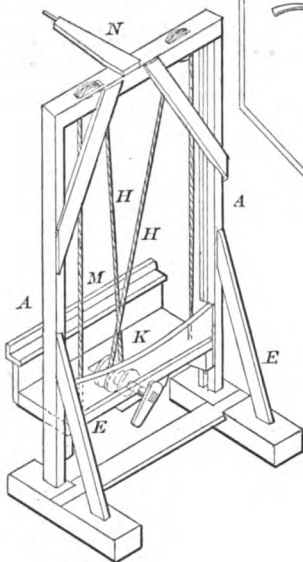


**74738**—J. T. Whipple—*Deep Well Pump.*

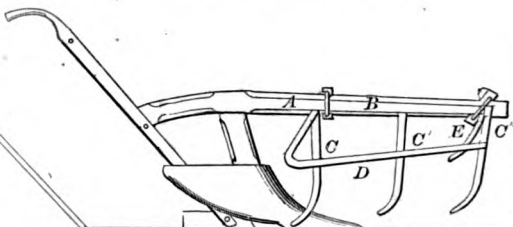




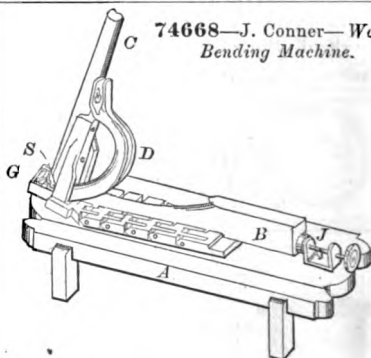
**74665**—O. S. Burton—*Staging.*



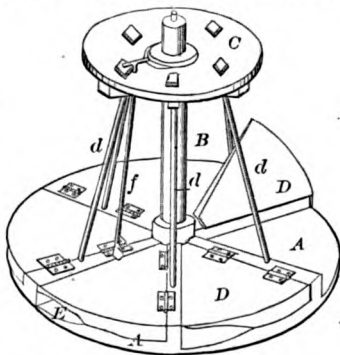
**74666**—S. Collins—*For Turning Down and Burying Stalks.*



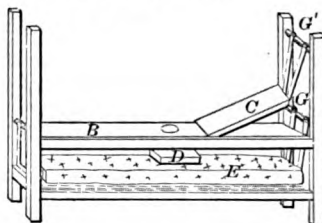
**74668**—J. Conner—*Wood Bending Machine.*



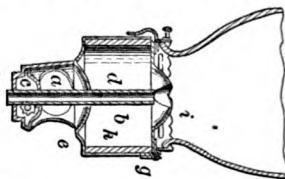
**74667**—B. D. Compton—*Water Wheel.*



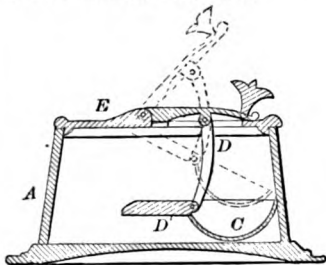
**74669**—H. Conway—*Hospital Bed.*



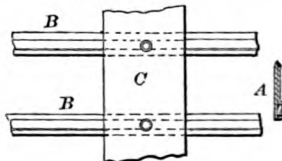
**74670**—Dailey, Johnson & Du Bois—*Lamp.*



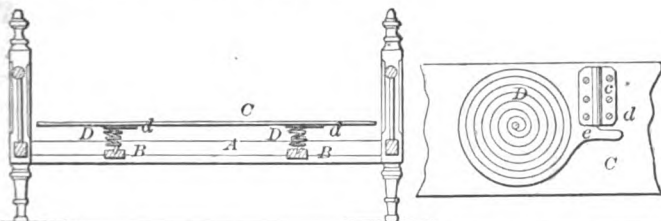
**74671**—O. Dean—*Inkstand.*



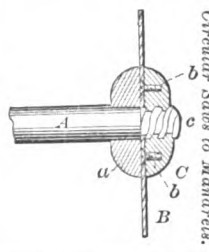
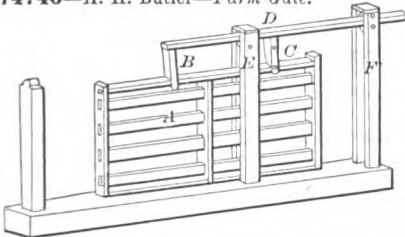
**74672**—De Forest & Gilbert—*Hooped Skirt Spring.*



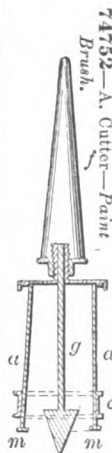
74747—Bouton & Ames—Spring Bed Bottom



74746—H. H. Butler—Farm Gate.

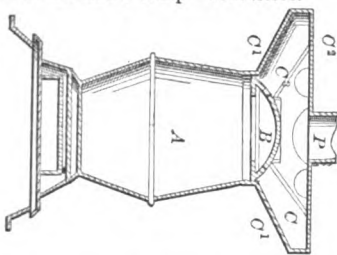


74749—E. Calley—Attaching Circular Saws to Mandrels.

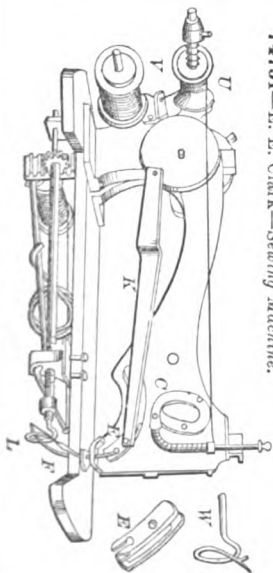
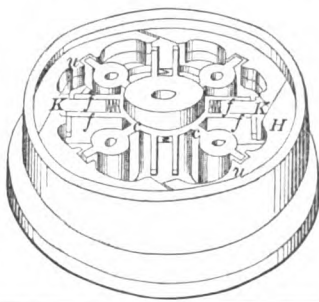


74752—A. Cutter—Paint Brush.

74753—E. A. De Camp—Coal Stove.

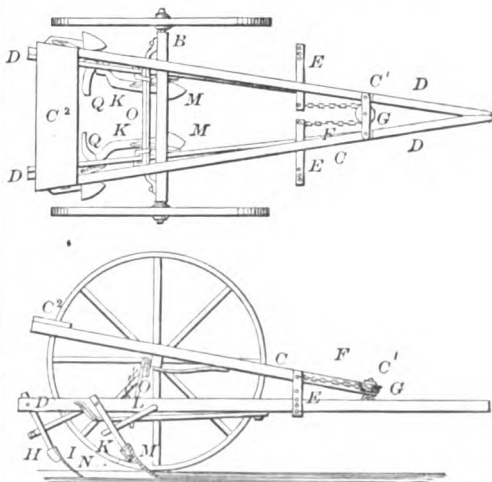


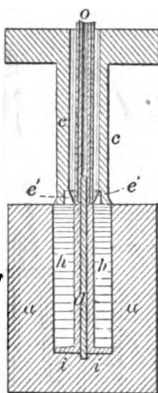
74750—S. E. & I. Y. Chubbuck—Piston.



74751—E. E. Clark—Sewing Machine.

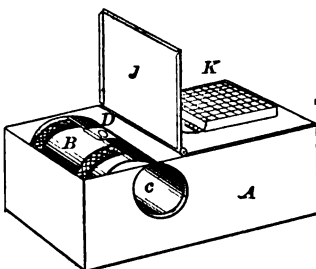
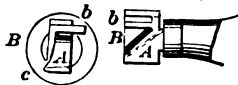
74754—E. S. Easterday—Sulky Cultivator.



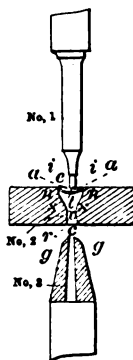


74755—J. Farrell—Manufacture of Tin-Lined Lead Pipe.

74757—A. V. Hill—Work Trimmer for Boots and Shoes.

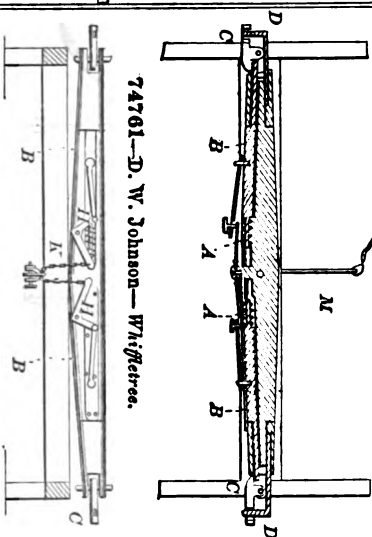
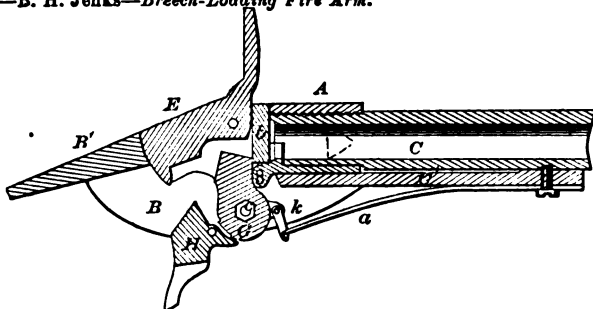
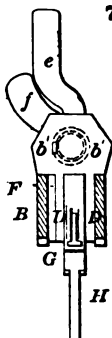


74759—S. Huffman—Animal Trap.



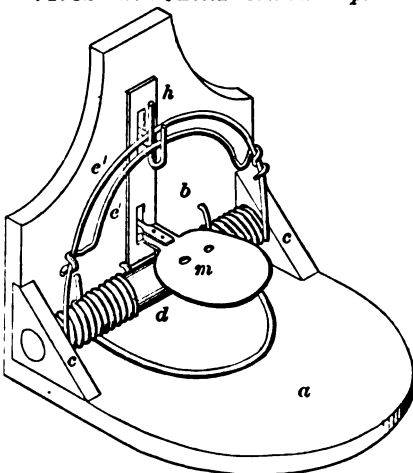
74758—D. K. Hoxsie—For Making Eyelids.

74760—B. H. Jenks—Breech-Loading Fire Arm.

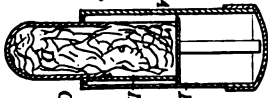


74761—D. W. Johnson—Whiffles.

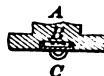
74762—W. W. Leech—Animal Trap.



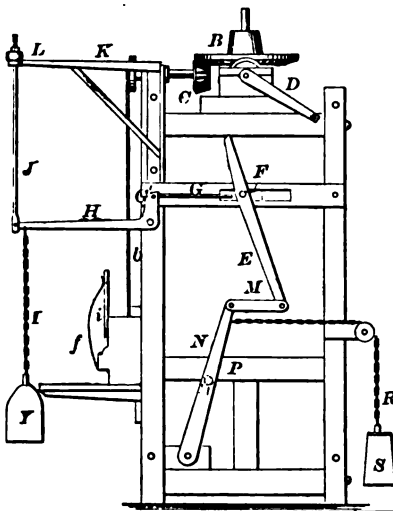
74763—H. Merrill—Knife and Fork Scourer.



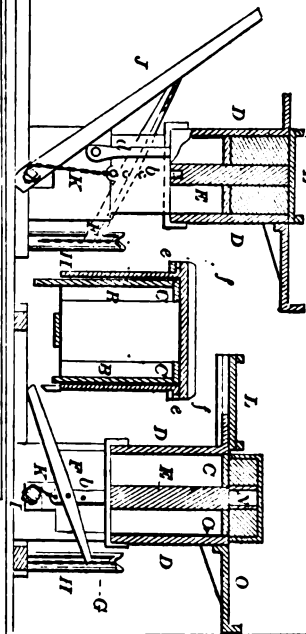
74764—L. Moses—Button.



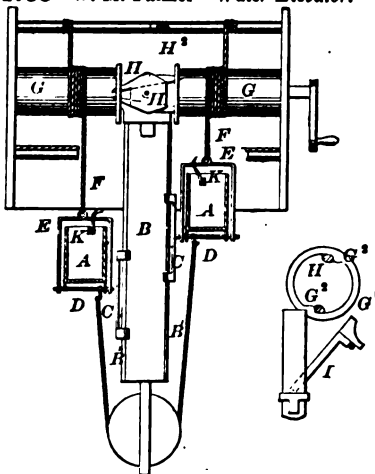
74765—Nye & Kuisely—Brick Machine.



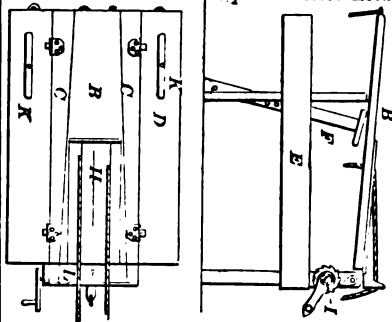
74769—I. Pardee—Concrete Brick Machine.



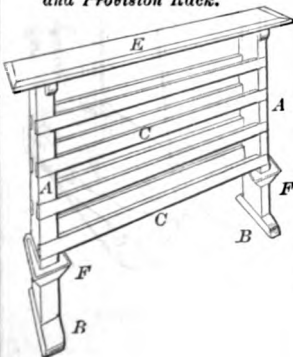
74768—W. M. Palmer—Water Elevator.



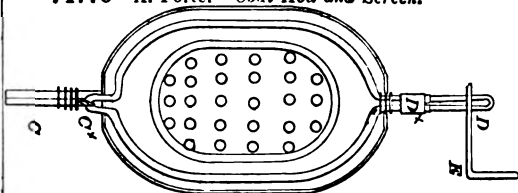
74767—G. Paine—Sheep and Fleece Holder.



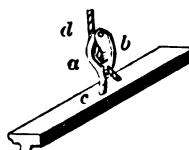
74766—E. Osborn—Milk and Provision Rack.



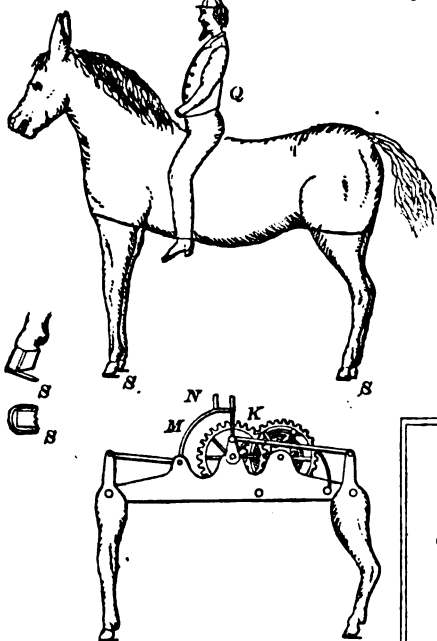
74770—A. Porter—Coal Hod and Screen.



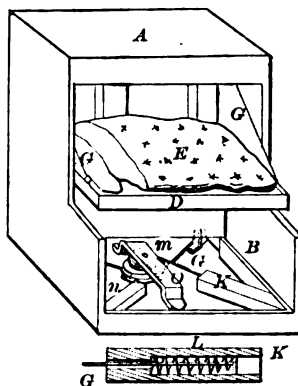
74771—W. Read, Jr.—Cord Retainer for Pictures.



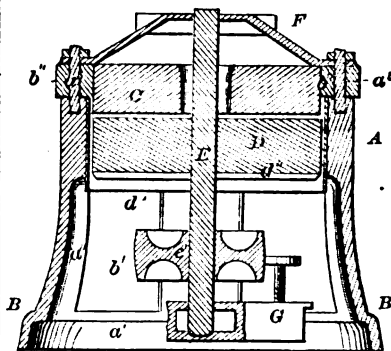
74772—A. &amp; W. Shedlock—Mechanical Donkey.



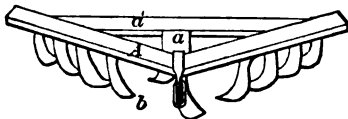
74773—W. B. Snow—Car Berth.



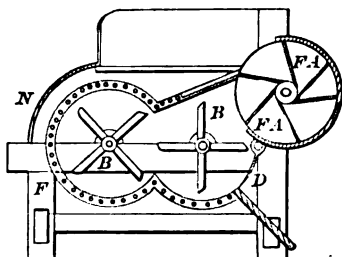
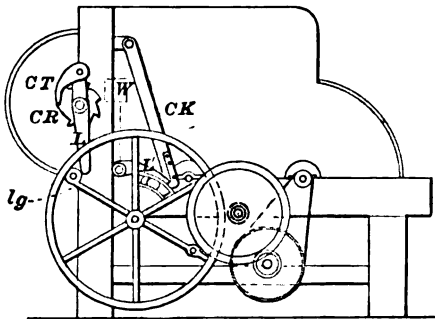
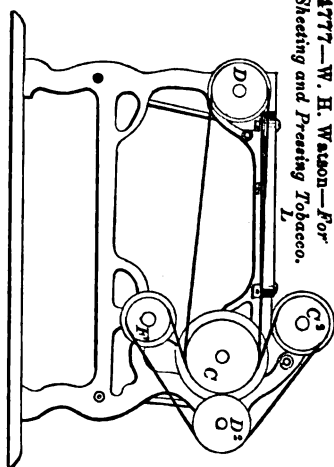
74774—A. W. Straub—Grinding Mill.



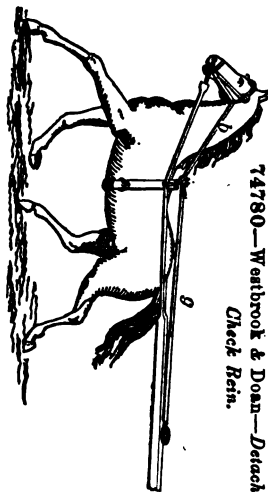
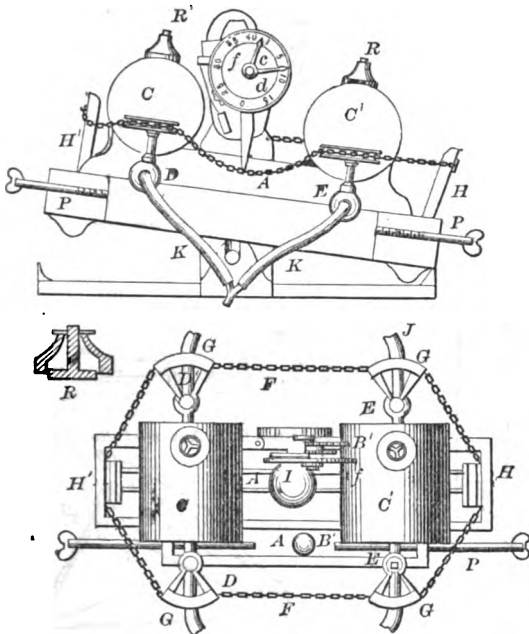
74775—C. F. Taylor—Cultivator.



74776—J. W. Thorn—Cotton Cleaner.

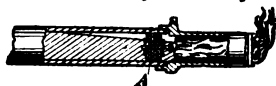
74777—W. H. Watson—For  
Sheeting and Pressing Tobacco.

74778—J. W. Weller—Fluid Meter.

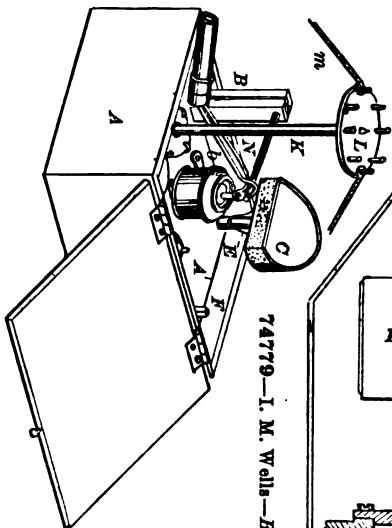
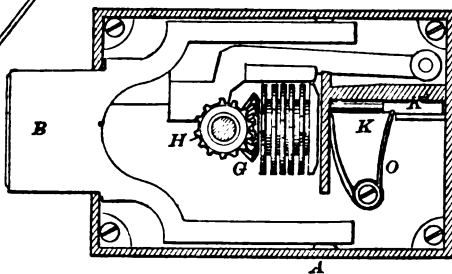


74780—Westbrook & Doan—Detaching Check Rein.

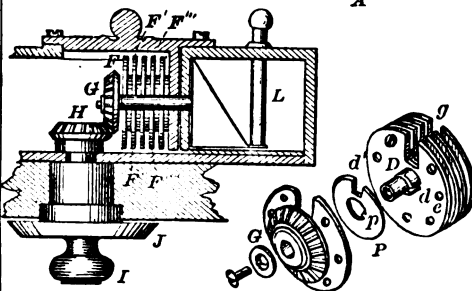
74782—L. H. Whitney—Fire Lighter.

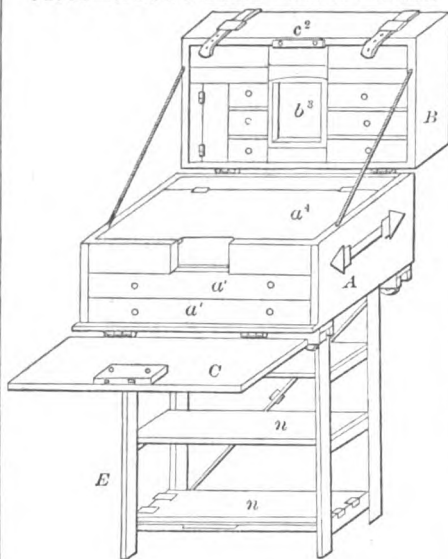
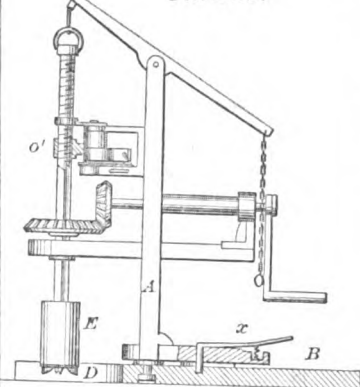
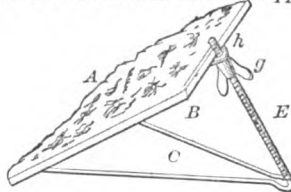
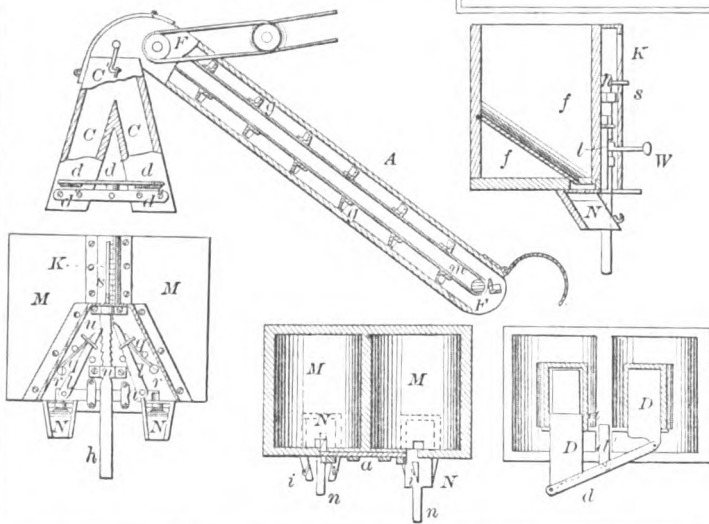
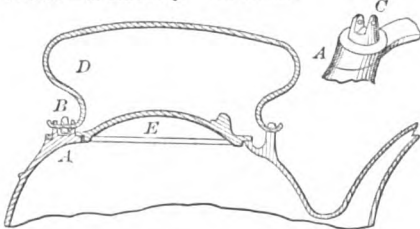
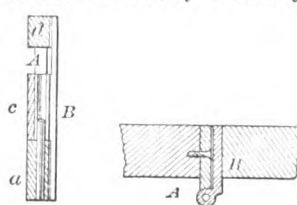


74781—A. Wetzel—Permutation Lock.

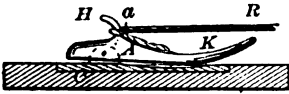


74779—L. M. Wells—Burglar Alarm

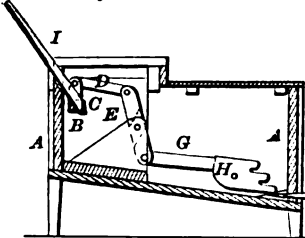


74783—J. N. Wunderlich—*Travelers' Trunk.*74785—A. Q. Allis—*For Boring Post Holes.*74786—E. I. Annis—*Pillow Support.*74784—W. F. Abbott—*Measuring Attachment to Threshing Machines.*74787—C. Anthony—*Tea Kettle.*74788—M. A. Avery—*Butt Hinge.*

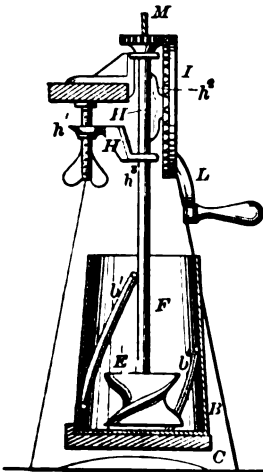
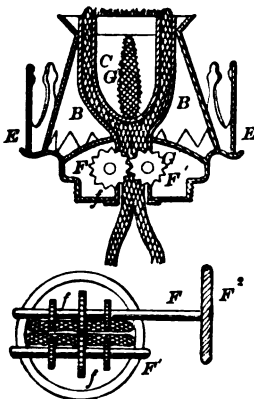
74789—J. Bangs—*Belaying Cleat.*



74790—P. F. Bindewald—*Washing Machine.*

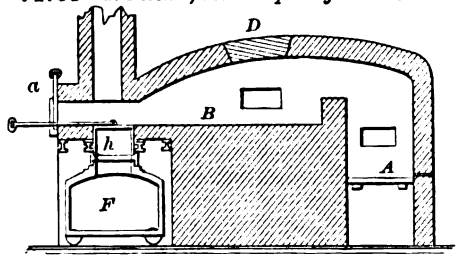


74793—A. W. Browne—*Lamp Burner.*

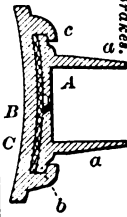


74796—C. H. Carver—*Churn.*

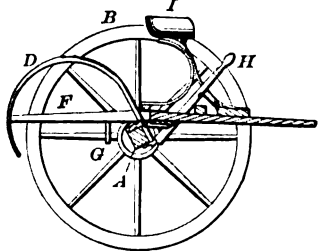
74791—G. Bischof, Jr.—*Preparing Metals.*



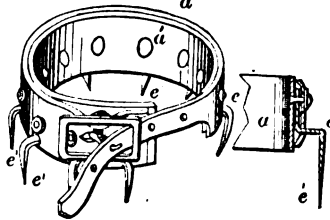
74792—J. Brahn—*Shoe for Car Brakes.*



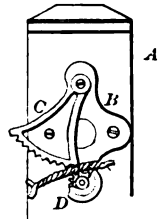
74794—E. W. Bullard—*Horse Rake.*



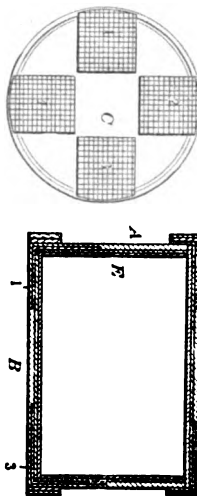
74795—Carson & Peter—*Cattle Pricker.*



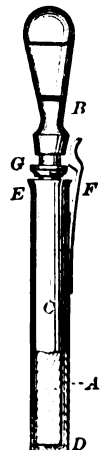
74798—A. Comey—*Clothes Line Holder.*



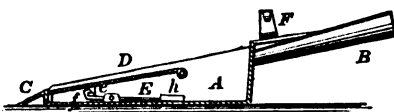
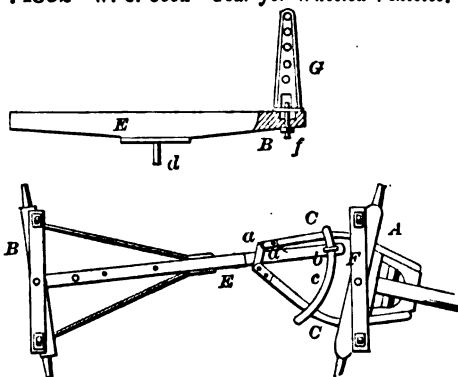
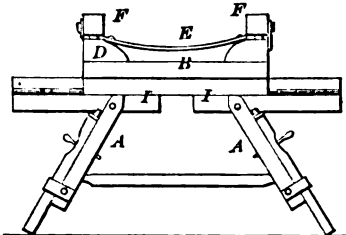
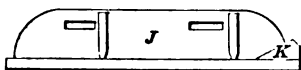
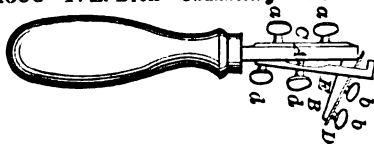
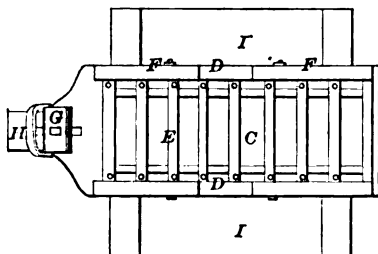
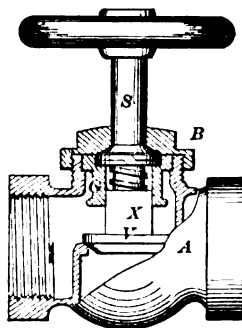
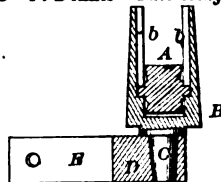
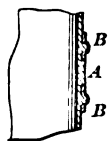
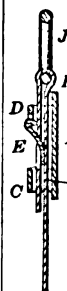
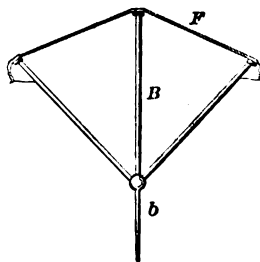
74797—D. M. Cole—*Cheese Box.*



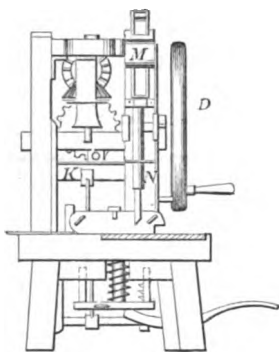
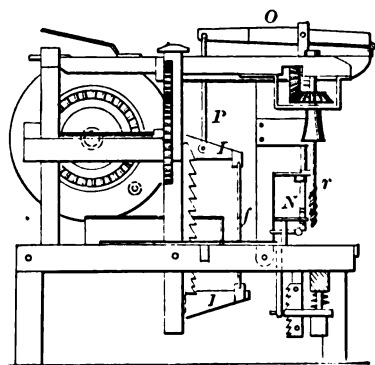
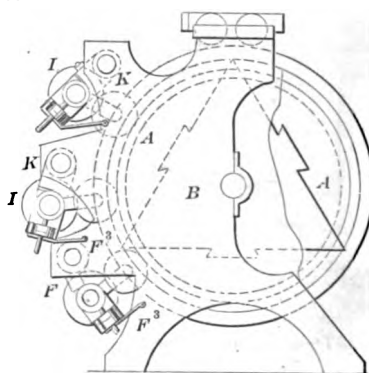
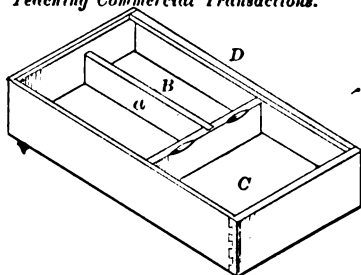
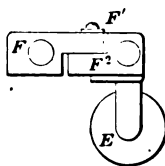
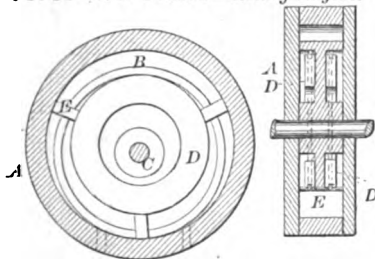
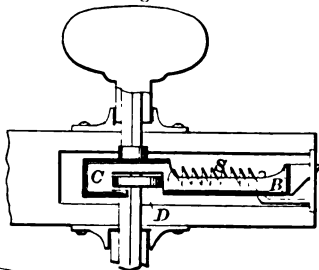
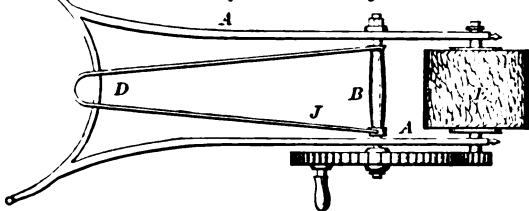
74800—S. E. Condon—*Curling Iron.*



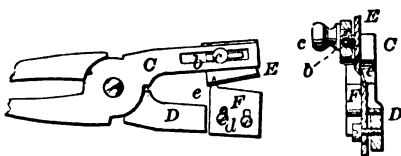


74801—S. E. Condon—*Dust Pan.*74802—W. C. Cook—*Gear for Wheeled Vehicles.*74806—F. E. Droll—*Channeling Tool.*74808—G. Tanton—*Sheep Shearing Table.*74803—W. S. Cooper—*Globe Valve.*74805—P. Dennis—*Gate Hinge.*74804—E. M. Davis—*Securing Labels on Glassware.*74807—S. W. Durham—*Strap Fastener.*74809—J. H. Flagg—*Carriage Top Frame.*

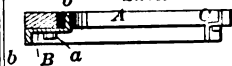


**74739—L. W. Wolfe—Mortising Machine.****74740—C. A. Walworth—Device for Teaching Commercial Transactions.****74741—G. W. Wood—Color Printing Press.****74744—J. B. Bennett—Rotary Engine.****74742—S. W. Baker—Horse Blanket.****74746—A. Bingham—Knob Latch.****74743—J. Bayston—Revolving Hair Brush.****74745—J. M. Bent—Shoe Nail.**

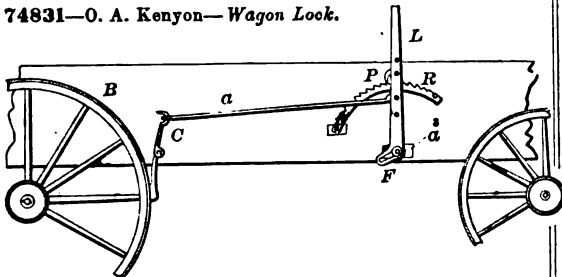
**74827—A. Humann—Button Hole Cutter.**



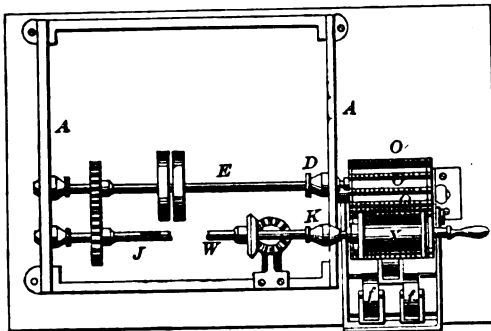
74829—J. Jorey—Horse  
h' Shoe.



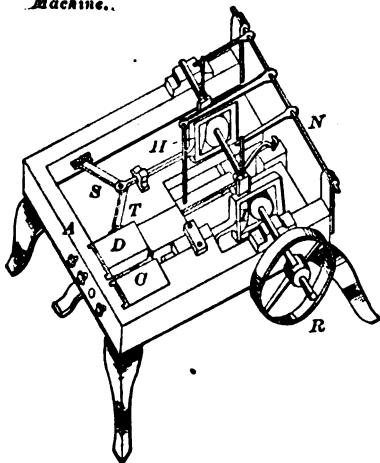
**74831—O. A. Kenyon—Wagon Lock.**



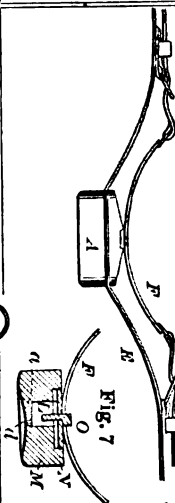
**74832—P. Kerr—***For Polishing Thread.*



**74834—Klemm & Dittrich—Bolt Making Machine.**



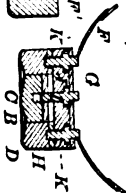
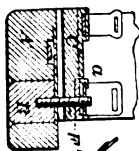
**74828—**Jefferies & Olds—*Trues.*



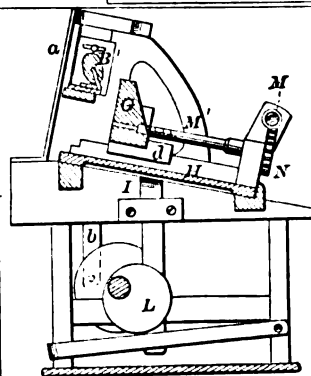
**Fig. 8**

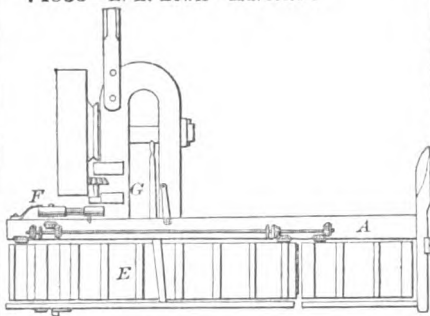
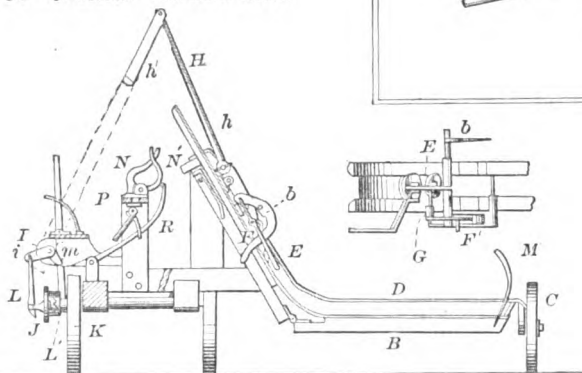
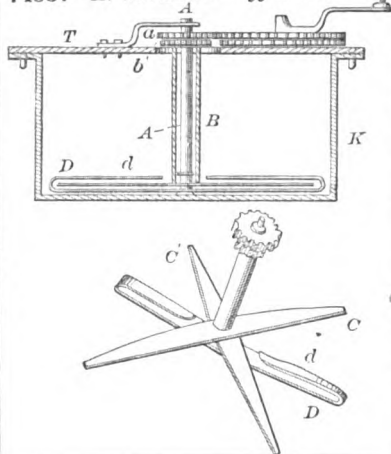
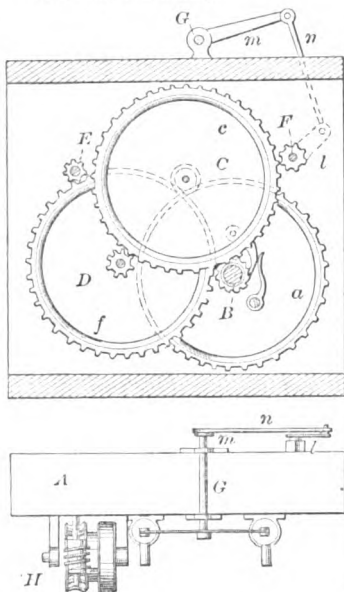
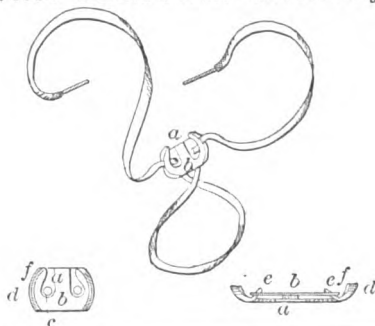
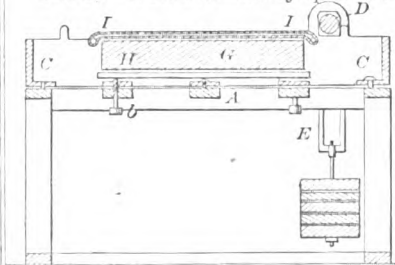


**Fig 9**

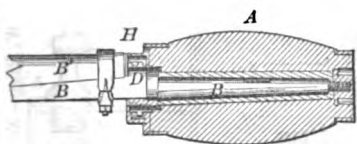


74830—1. Kasing—For Cutting  
Teneers.

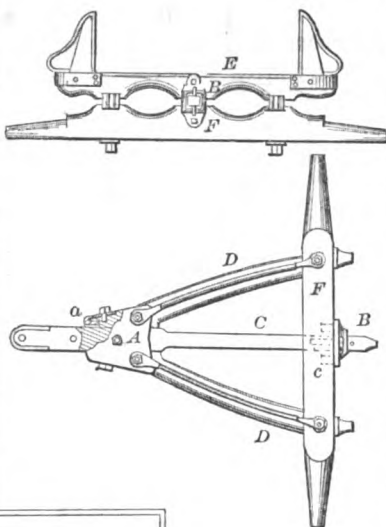


74835—E. E. Lewis—*Harvester.*74836—C. Lidren—*Harvester Rake.*74837—H. W. Loudon—*Egg Beater.*74838—G. Maranville—*For Operating Stationary Machinery.*74839—Marston & Morse—*Shoe Fastening.*74840—C. Maurice—*Lithographic Press.*

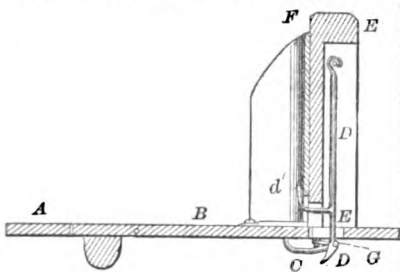
74841—N. Maxham—Hub and Axle.



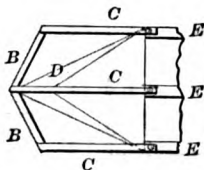
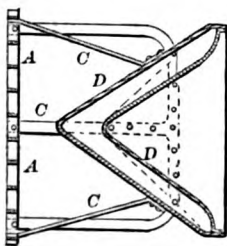
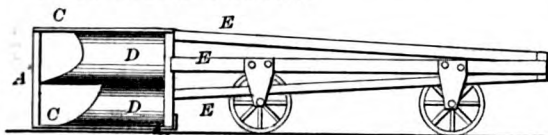
74843—H. Mitchell—Wagon Coupling.



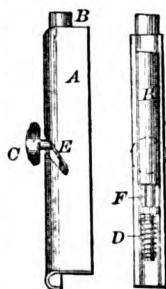
74842—W. Miller—Animal Trap.



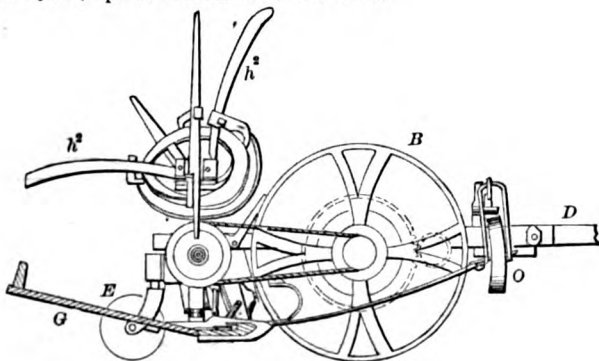
74844—G. Place—Snow Plow.



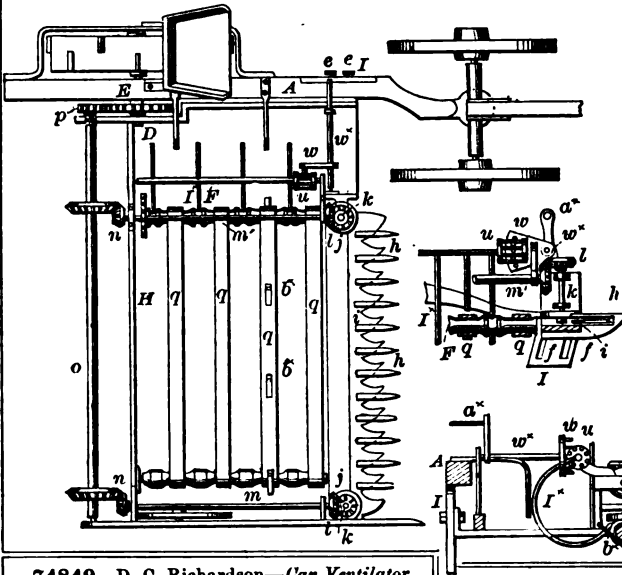
74846—T. Rattenbury—Bolt.



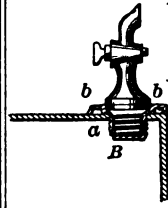
74845—Quick, Opie & Farrand—Harvester Rake.



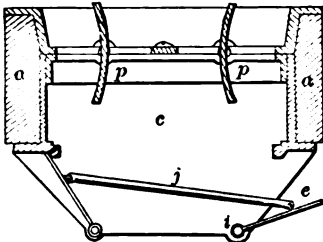
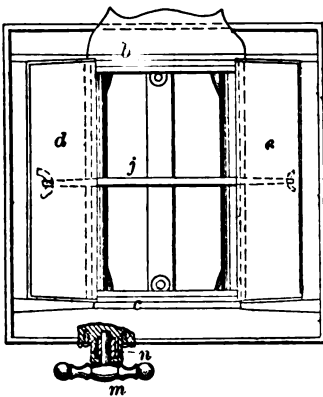
74847—Redfield &amp; Cox—Harvester.



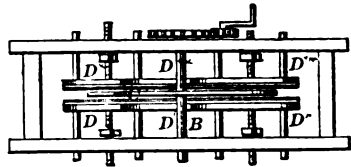
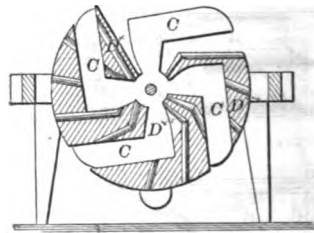
74850—W. Rigg—Screen Cup for Oil Can.



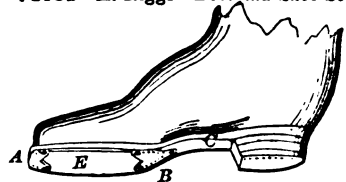
74849—D. C. Richardson—Car Ventilator.



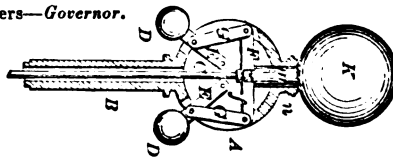
74848—C. H. Hise—Boot Crimping Machine.



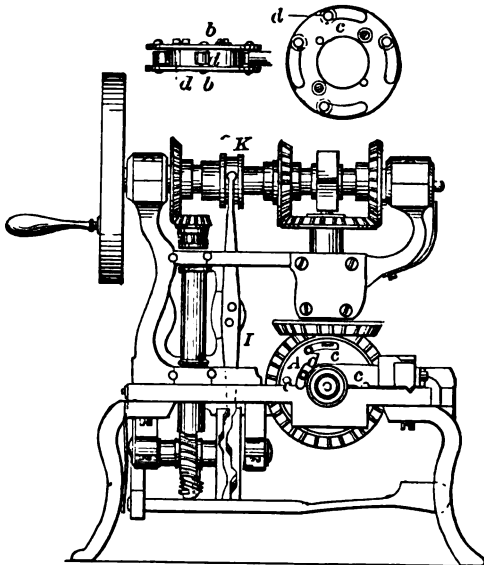
74851—H. Rigg—Boot and Shoe Sole.



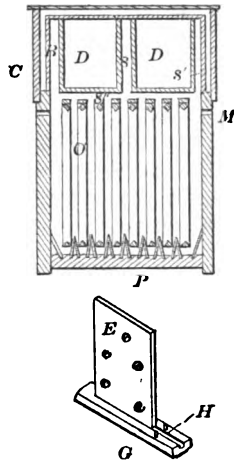
74852—E. P. Rogers—Governor.



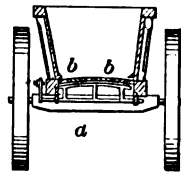
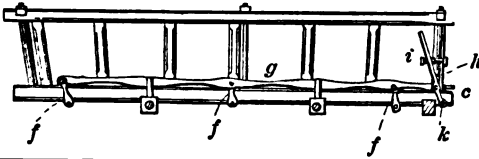
74853—J. Russell—Card Setting Machine.



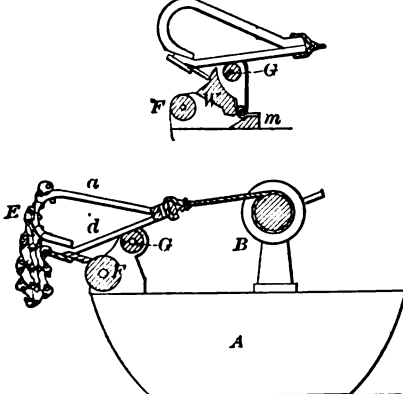
74854—P. J. Severson—Beehive.



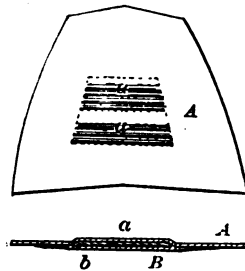
74856—H. Shirey—Dumping Wagon.



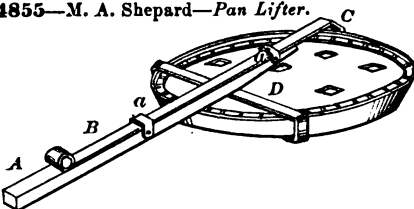
74857—T. P. Sink—Oyster Dredging Machinery.



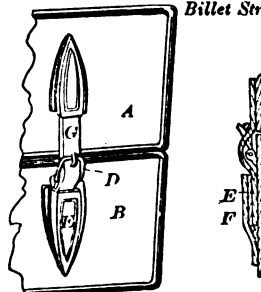
74858—G. & G. Smith—Boots and Shoes.



74855—M. A. Shepard—Pan Lifter.

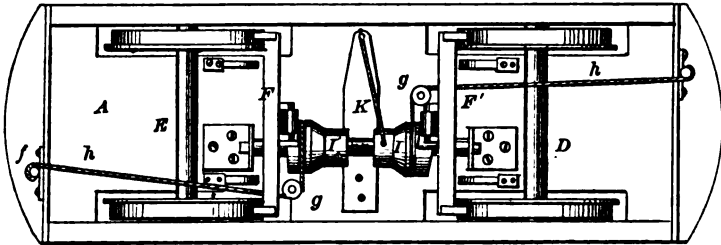


74859—H. H. Smith—Pocket for Billet Straps.

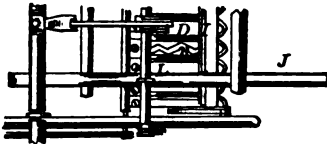
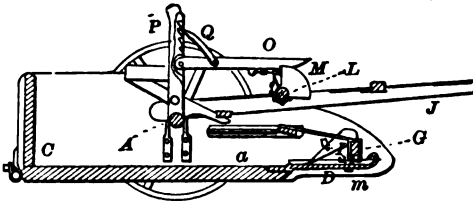




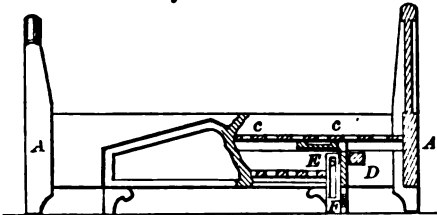
74860—Smith &amp; Steger—Car Brake.



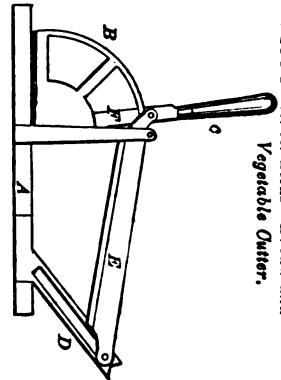
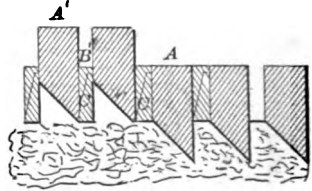
74861—Stockstill &amp; Scarff—Clover Harvester.



74865—H. R. Tracy—Bedstead Crib Attachment.

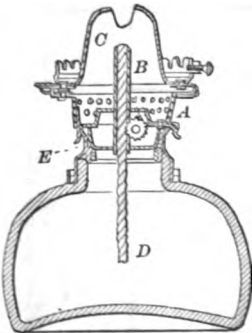


74862—H. M. Stow—Pavement.

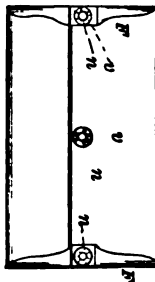
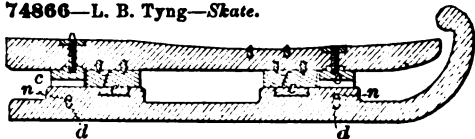


74864—H. A. Tins—Bread and Vegetable Cutter.

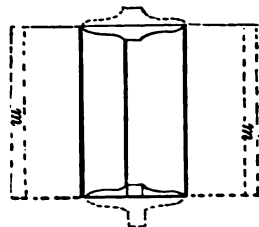
74863—A. Taplin—Lamp.



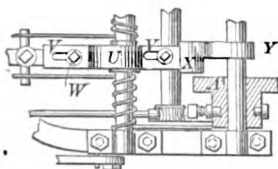
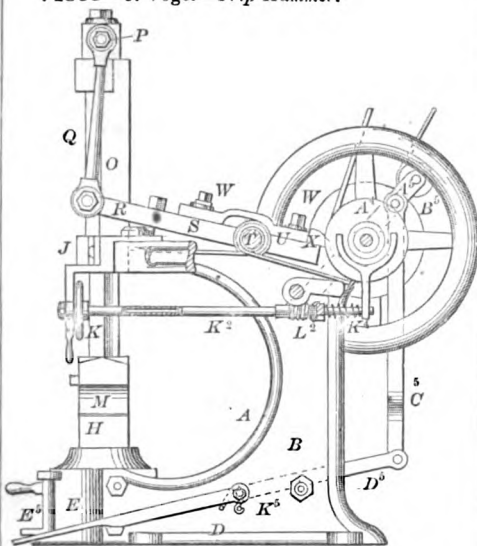
74866—L. B. Tyng—Skate.



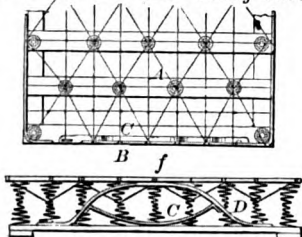
74867—S. Ullman—Envelope.



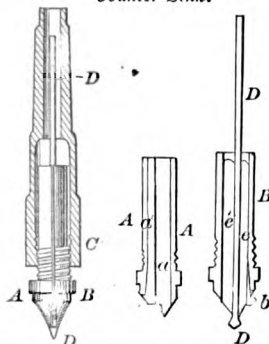
74868—C. Vogel—Trip Hammer.



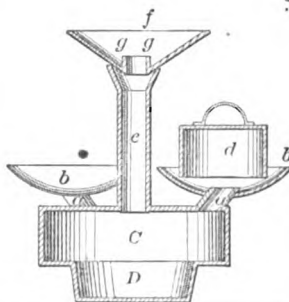
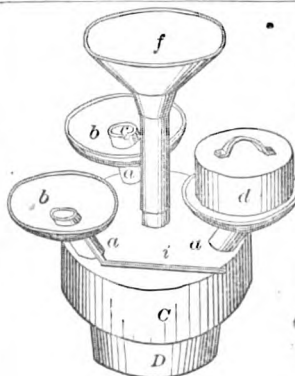
74872—Worden & Wilms—Spring Bed Bottom.



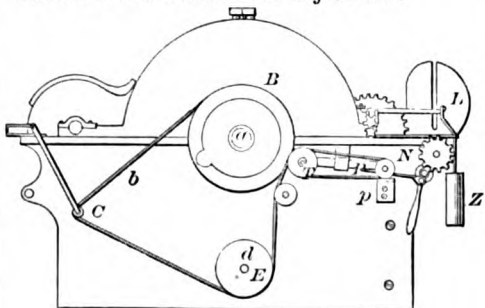
74870—P. A. Whitney—Drill and Counter Sink.



74873—G. W. Worster—Culinary Steamer.

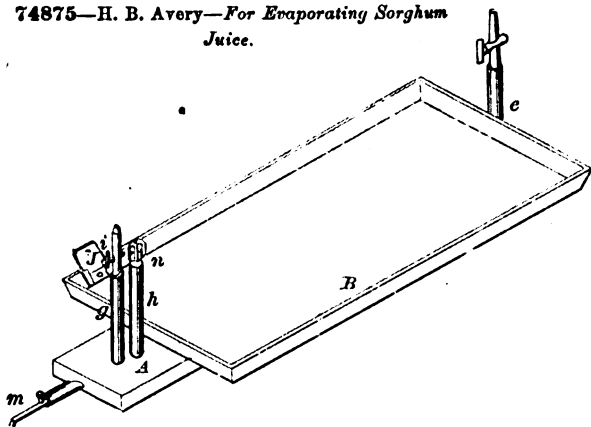


74873—G. W. Worster—Culinary Steamer.

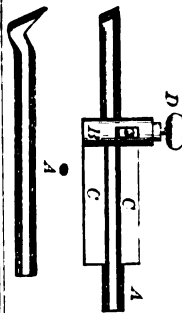


74869—E. Watts, Sr.—Pepper Grinder Bottle.

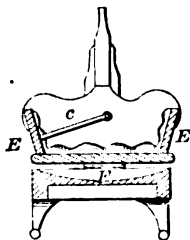
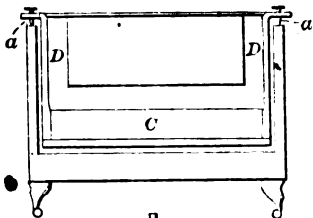
74875—H. B. Avery—For Evaporating Sorghum Juice.



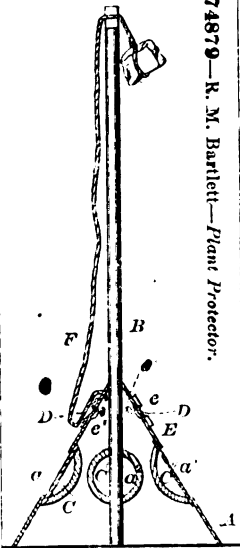
74877—J. Baillie—Lathe Tool Holder.



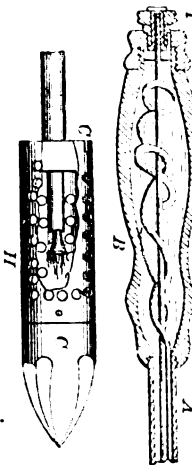
74876—H. A. Axt. II—Sofa Cradle.



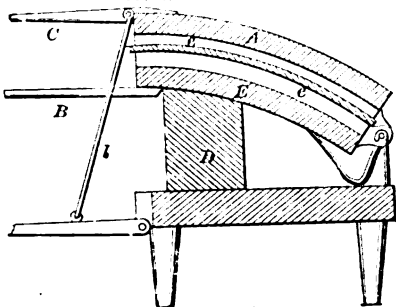
74879—R. M. Bartlett—Plan Protector.



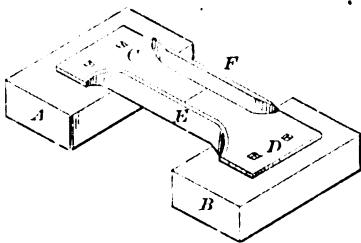
74881—T. Beardsley—Soldering Iron.



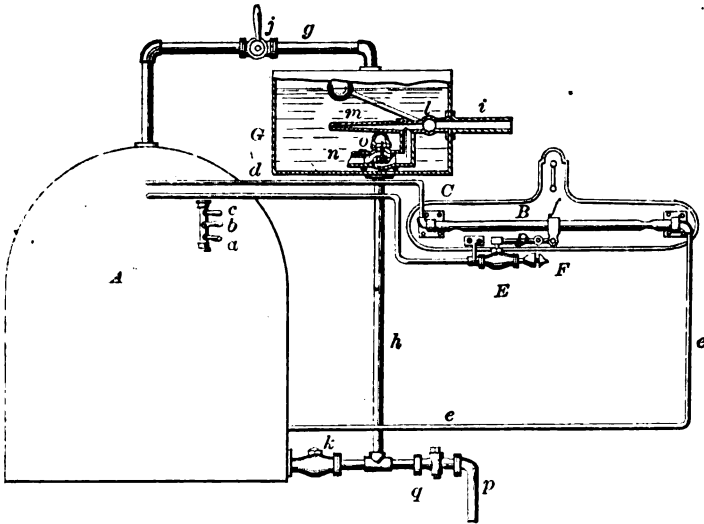
74880—J. W. Bean—For Bending Metallic Plates.



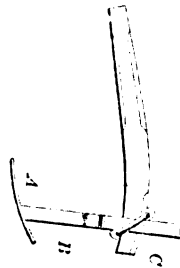
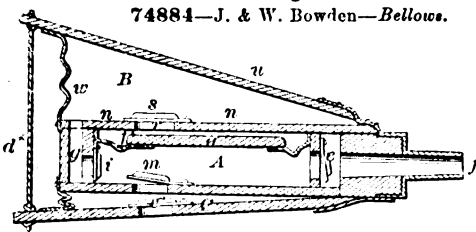
74882—L. B. Bidwell—Railroad Chair.



74883—J. N. B. Bond—Boiler Feed Low Water Detector.

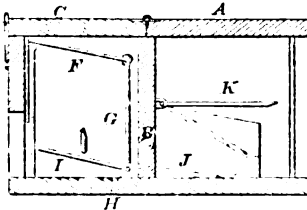


74884—J. & W. Bowden—Bellows.

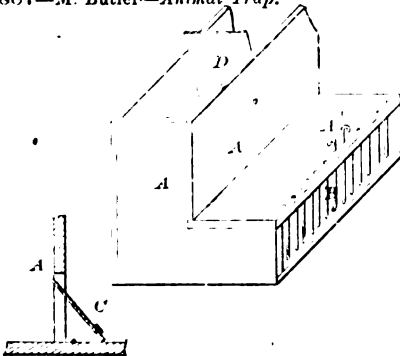


74883—J. O. Bradley—Pump.

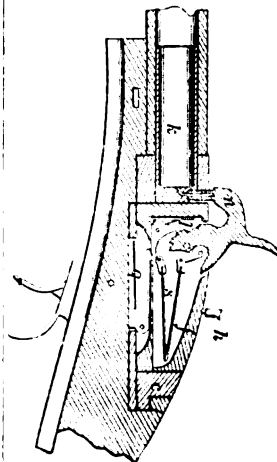
74886—A. C. Briant—Animal Trap.



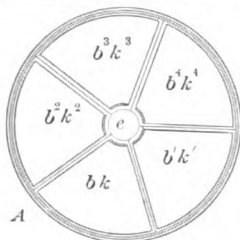
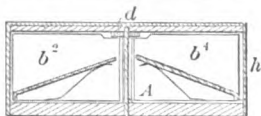
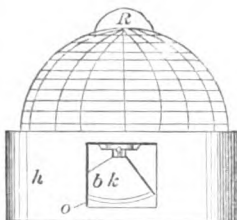
74887—M. Butler—Animal Trap.



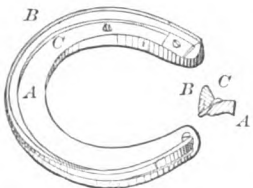
74888—C. Callaghan—Breech-Loading Fire Arm.



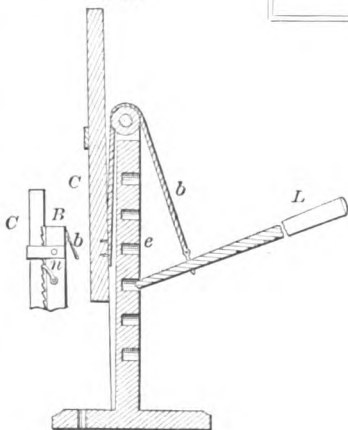
**74889**—C. R. Capps—*Animal Trap.*



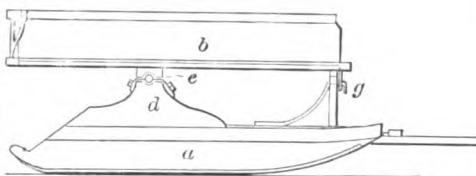
**74892**—G. T. Chapman—*Horse Shoe.*



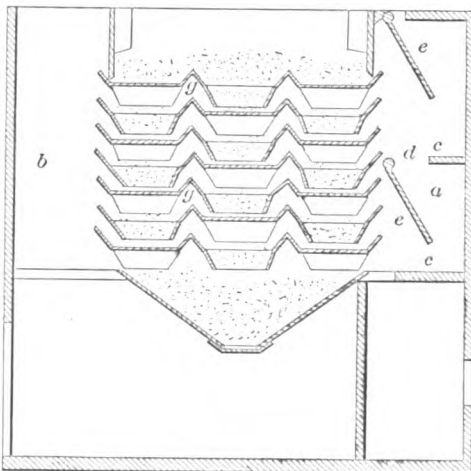
**74894**—O. Churchill—*Carriage Jack.*



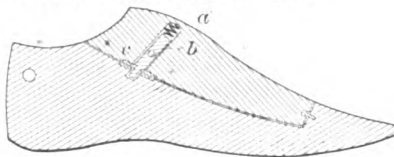
**74891**—S. Chamberlin—*Tip Sled.*



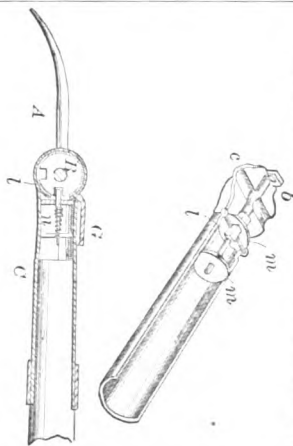
**74893**—L. S. Chichester—*Grain Dryer.*



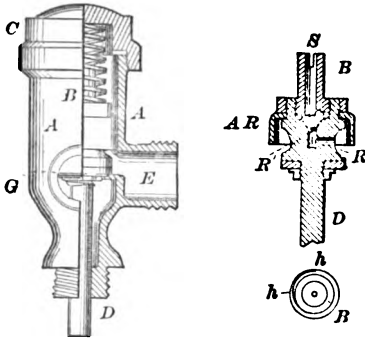
**74890**—Carr & Holbrook—*Last.*



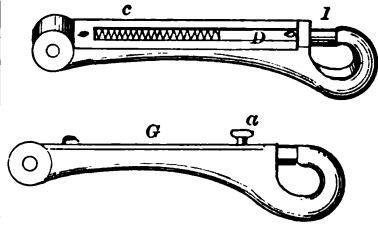
**74895**—C. C. Cole—*Manure Fork and Hook.*



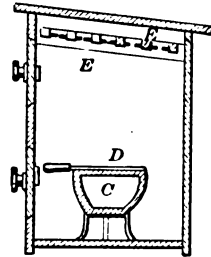
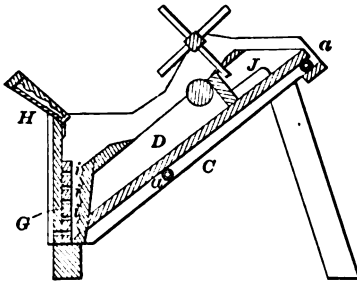
74896—W. S. Cooper—Water Closet Valve.



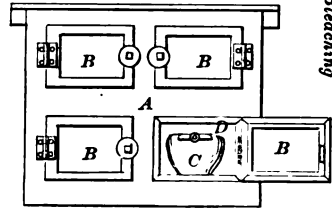
74897—J. C. Covert—Snap Hook.



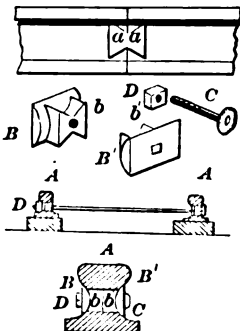
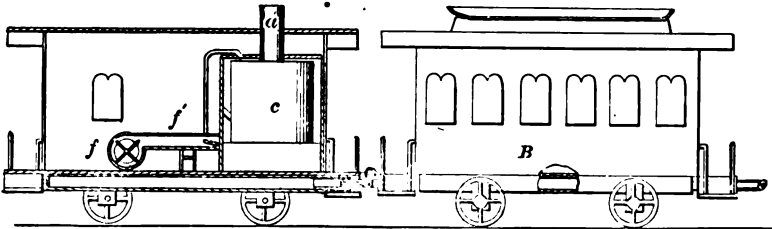
74902—L. S. Enos—Washing Machine.



74898—Crosby & Crow—For Bleaching with Sulphur Fumes.

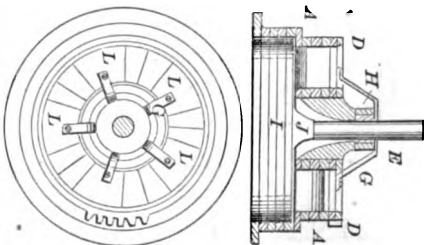


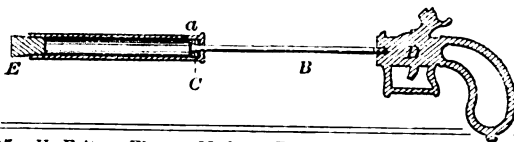
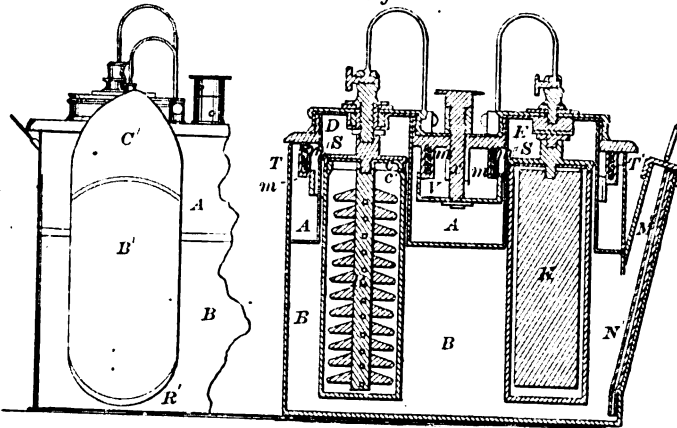
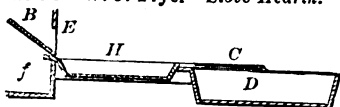
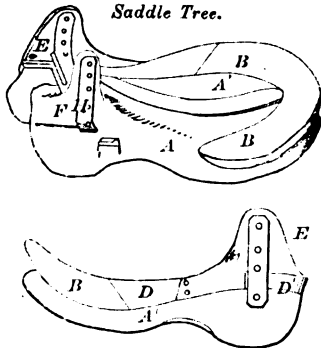
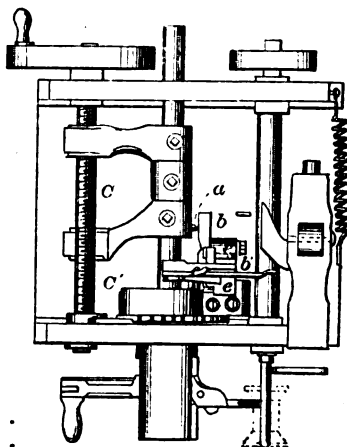
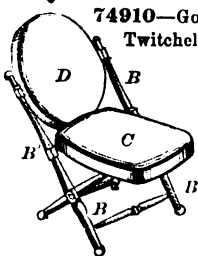
74899—D. H. Dotterer—For Heating and Ventilating Cars.



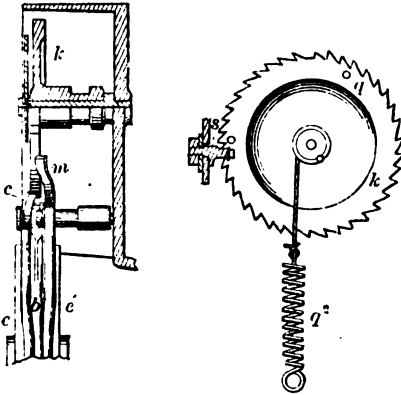
74900—E. H. Eberman—Railroad Rail Joint Splice.

74903—F. R. Forris—Water Wheel.

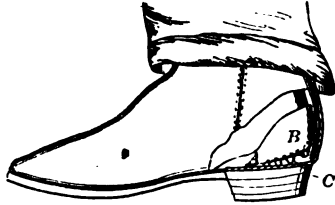


74904—R. Frisbie—*Toy Pistol.*74905—H. Fritz—*Electro-Medical Battery.*74907—J. W. Gardner—*Solid Steel Knife.*74906—W. J. Fryer—*Stove Hearth.*74908—M. J. Gaskill—*Fence.*74909—J. B. Gathright—*Side Saddle Tree.*74911—W. Grover—*Attachment for Thread Winding Machines.*74910—Golightly & Twitchell—*Chair.*

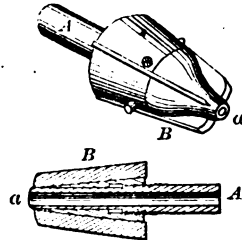
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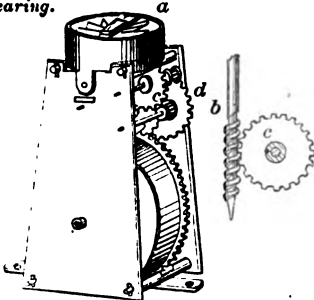
74912—A. N. Hadley—*Boot and Shoe Insole.*



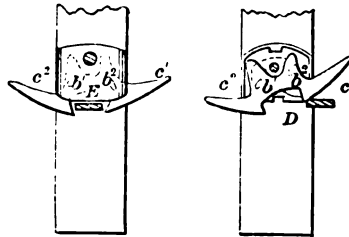
74913—L. Heywood—*Rattin Machine.*



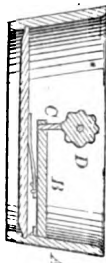
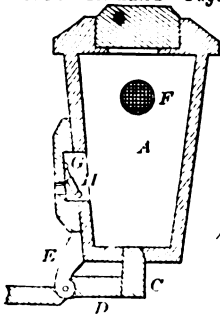
74914—Hitchcock & Jones—*Lamp Train Gearing.*



74915—S. Ingersoll—*Gate Latch.*

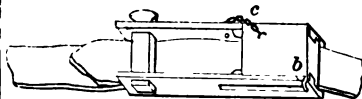


74918—H. Laird—*Tuyere.*

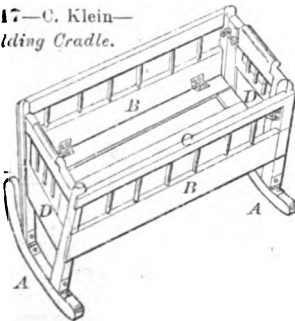


74919—A. Lamb—*Washing Machine.*

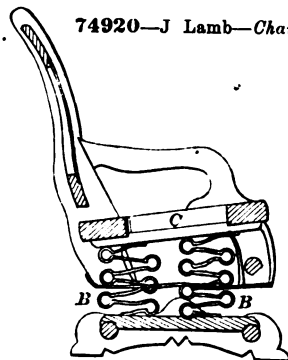
74916—G. B. Kirkham—*Strap Holder.*



74917—C. Klein—*Folding Cradle.*

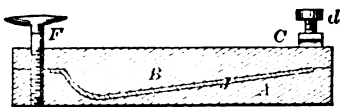


74920—J. Lamb—*Chair.*

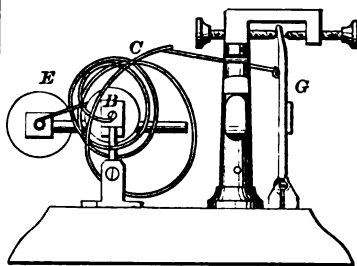




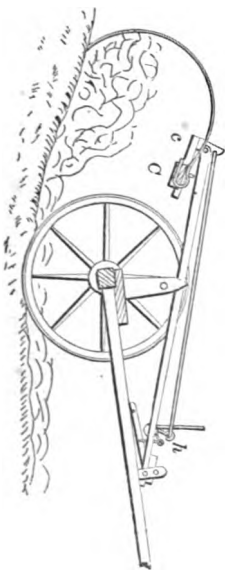
74921—G. W. Lawbaugh—*Harness Pad Press.*



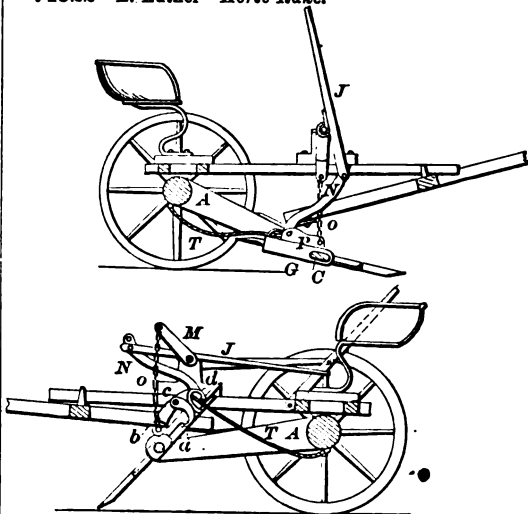
74925—W. N. McInnis—*Spring for Relay Magnets.*



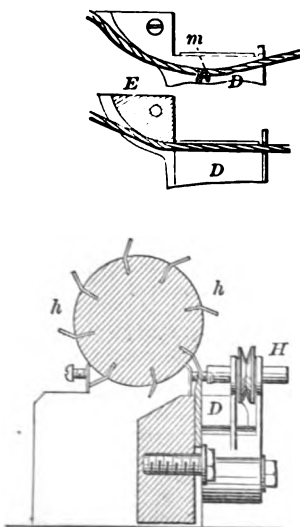
74924—W. McCord—*Horse Rake.*



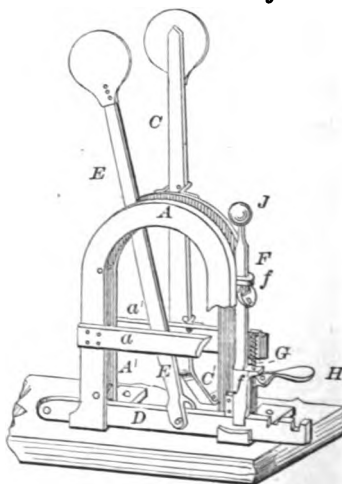
74922—E. Luther—*Horse Rake.*



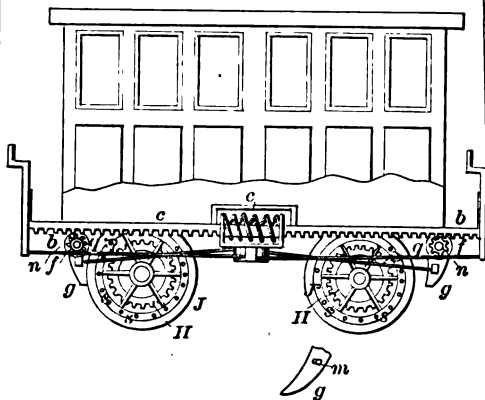
74923—C. L. Lutton—*For Shearing Yarn.*



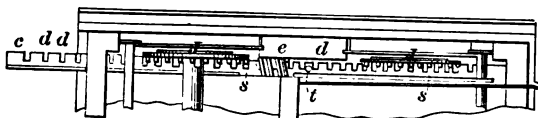
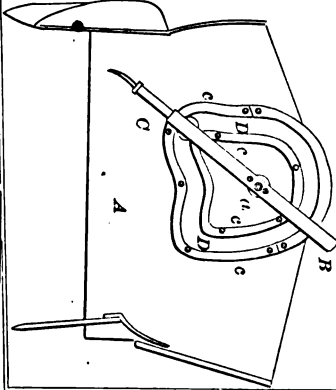
74926—A. McLeod—*Railway Switch Stand*



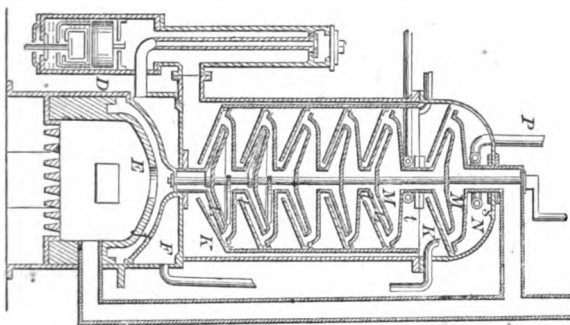
74927—J. McMurtry—For Starting Cars.



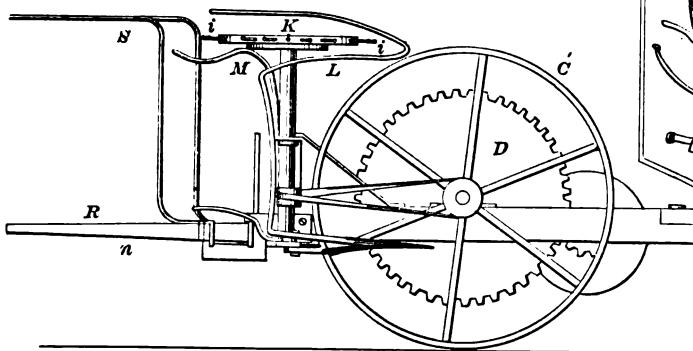
74929—L. Miller—Harvester Rake.



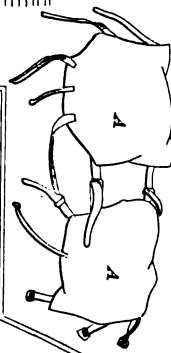
74930—Neumann, Lassoe & McCord—Steam Generator.



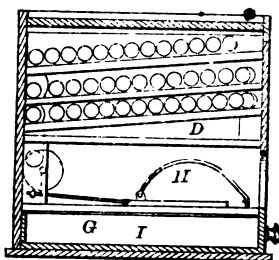
74928—Q. F. Messinger—Corn Harvester.



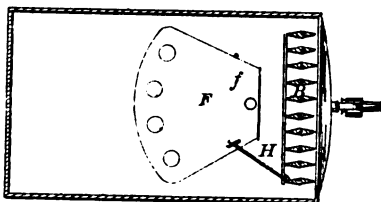
74931—H. Olsen—Life Preserving and Swimming Apparatus.



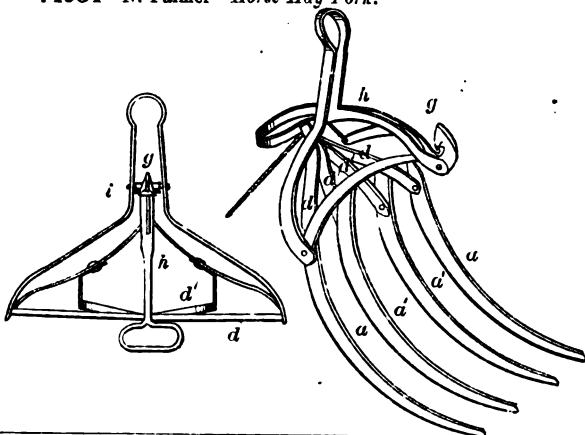
74932—J. P. Outcalt—*Ballot Box.*



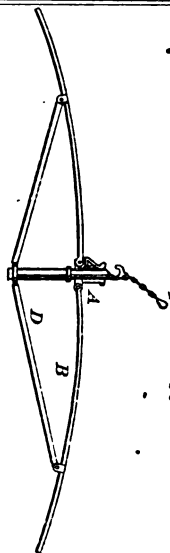
74936—B. B. Perkins—*Boiler and Hot Air Register.*



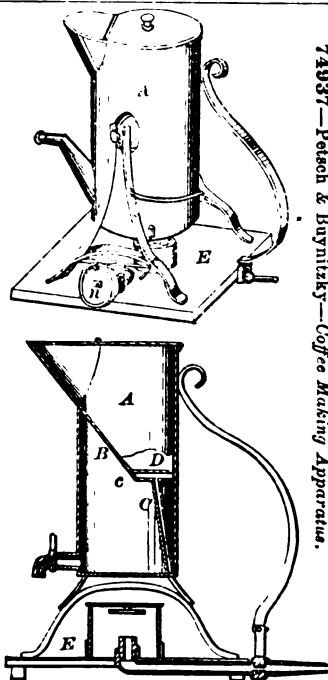
74934—N. Palmer—*Horse Hay Fork.*



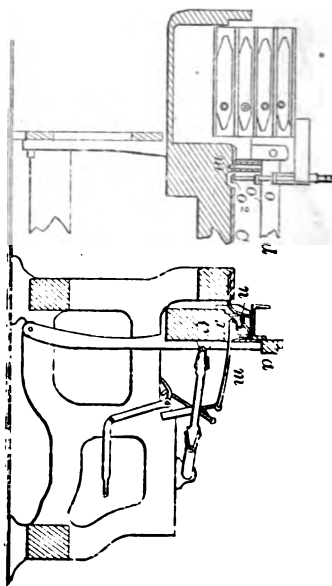
74933—I. E. Palmer—*Mosquito Canopy.*



74937—Pelsch & Buyritzky—*Coffee Making Apparatus.*



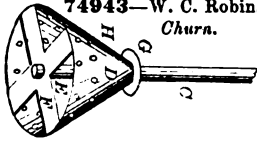
74938—W. J. Quinn—*Loom.*



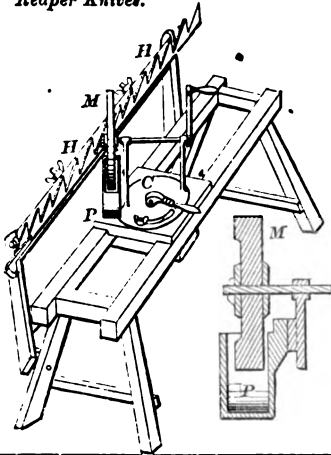
74939—J. Raddin—Car Wheel.



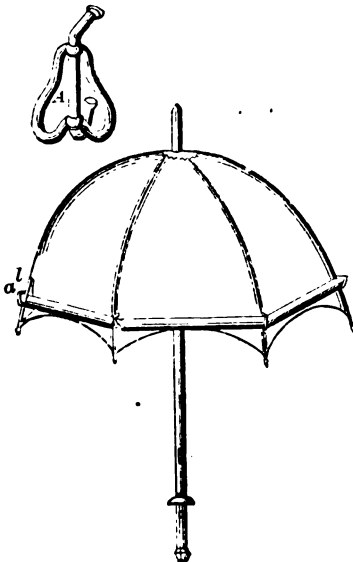
74943—W. C. Robinson—Churn.



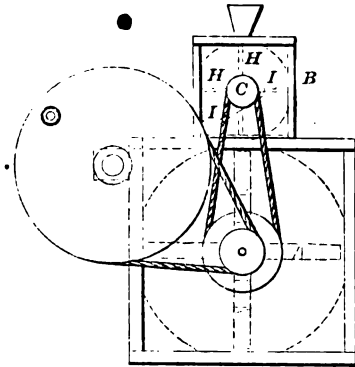
74942—C. Richardson—For Grinding Reaper Knives.



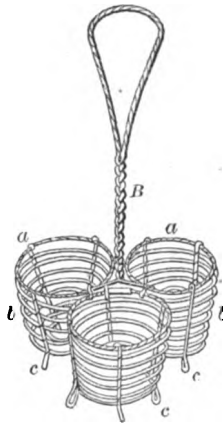
74944—E. F. Schreiner—Umbrella.



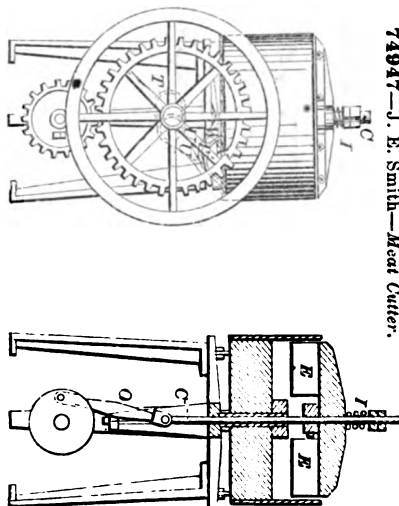
74941—J. B. Raynor—Churn.



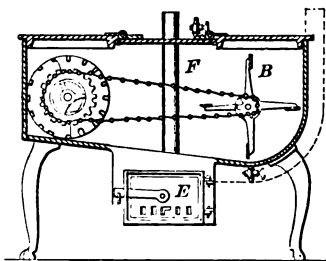
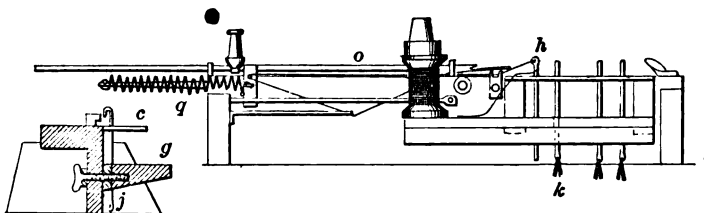
74945—D. Sherwood—Table Caster.



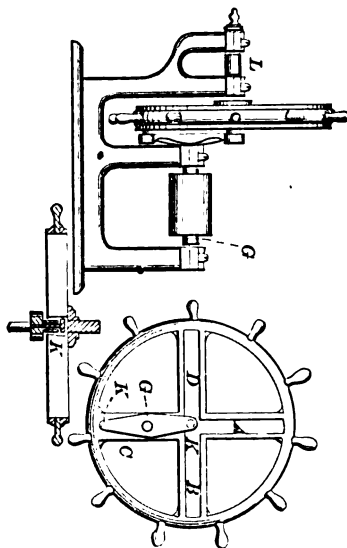
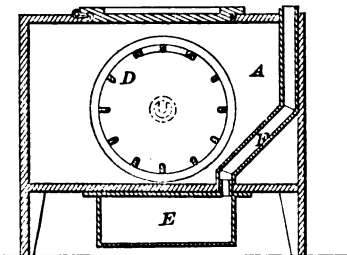
74947—J. E. Smith—Meat Cutter.



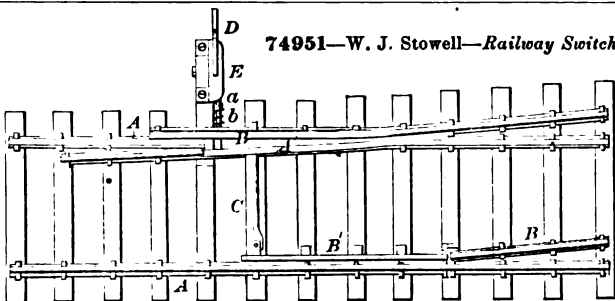
74948—D. M. Smyth—For Sewing Books.



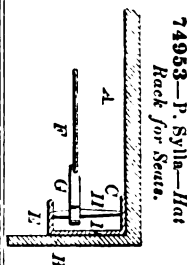
74949—D. E. Somee—Washing Machine.



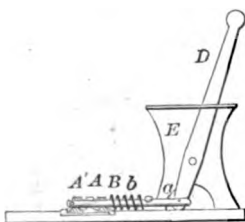
74952—W. R. Swinnerton—Mechanical Movement.



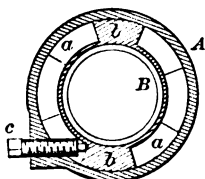
74951—W. J. Stowell—Railway Switch.



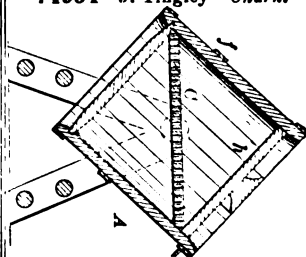
74953—P. Sylle—Hat Rack for Suits.



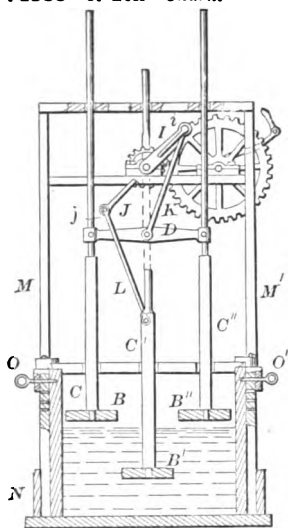
74950—J. Steger—Hose Coupling.



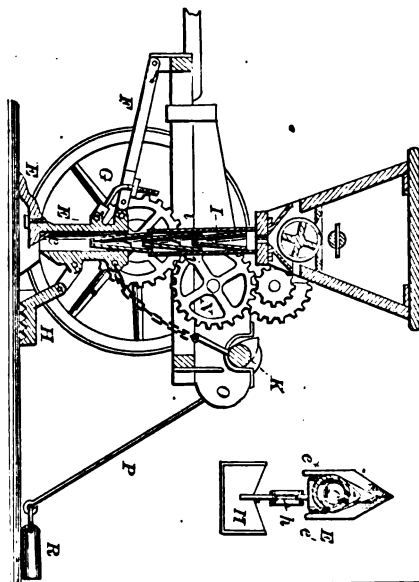
74954—J. Tingley—Churn.



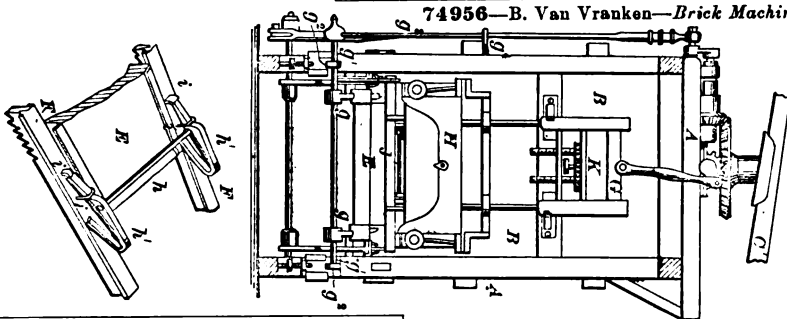
74955—J. Toll—Churn.



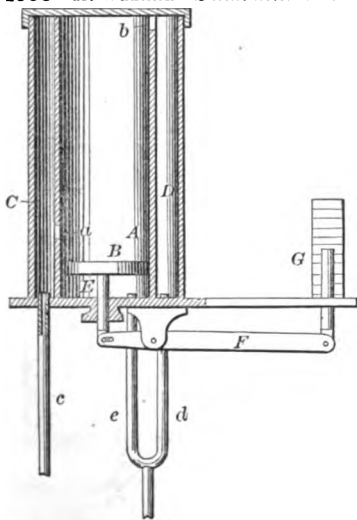
74957—E. Wagoner—Rice Planter.



74956—B. Van Vranken—Brick Machine.

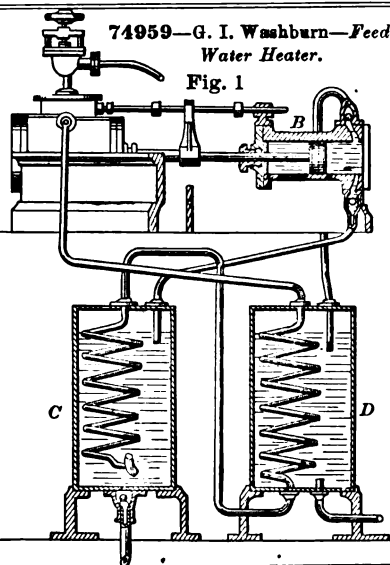


74958—H. Wanklin—Salinometer Pot.

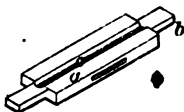


74959—G. I. Washburn—Feed Water Heater.

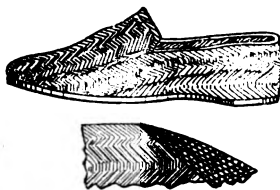
Fig. 1



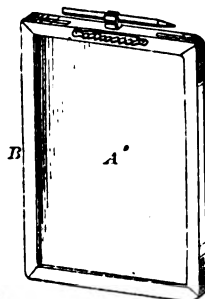
**74960**—H. Waters—*Hoe Blank.*



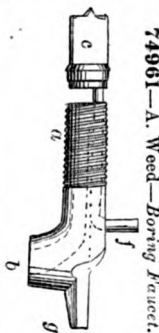
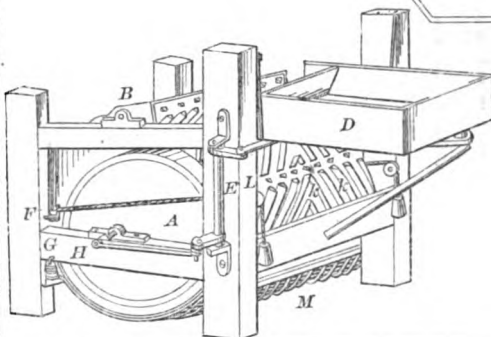
**74962**—M. Wesson—*Shoe.*



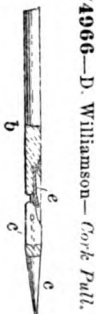
**74964**—Weigel, Lehnbeuter & Fegers—*School Slate.*



**74965**—J. R. Wilbur—*Corn Sheller.*

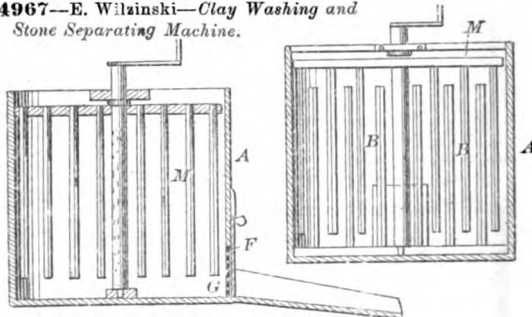


**74961**—A. Weed—*Boring Fence.*

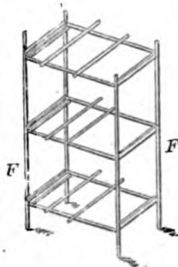


**74966**—D. Williamson—*Cork Pull.*

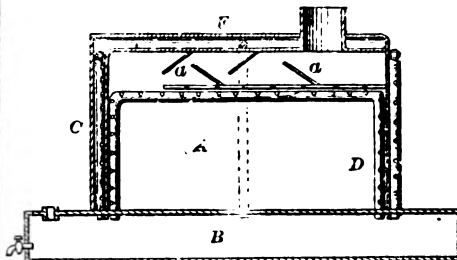
**74967**—E. Wilzinski—*Clay Washing and Stone Separating Machine.*



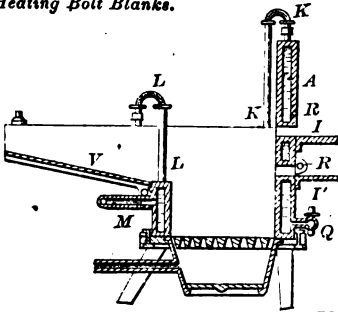
**74968**—J. D. McBride—*Attachment for Hot Air Registers.*



**74969**—A. P. Winslow—*Railroad Car Stove.*



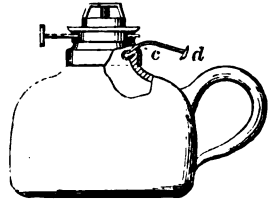
**74970—A. Alexander—Furnace for Heating Bolt Blanks.**



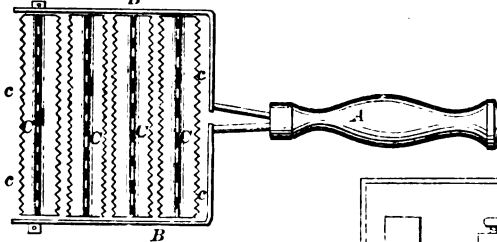
**74971—A. M. Asay—Card for Artificial Teeth.**



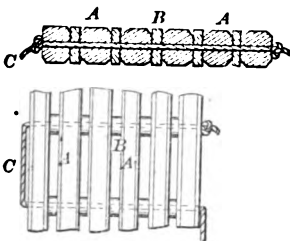
**74972—S. K. Ayers—Lamp.**



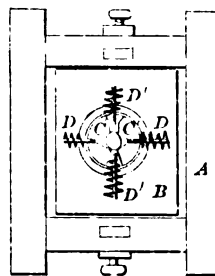
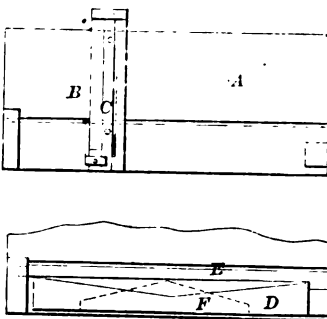
**74974—J. H. Barringer, Jr.—Curry Comb.**



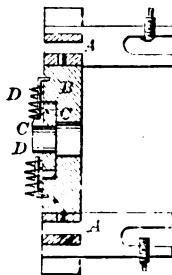
**74975—W. Barton—Slat Matting.**



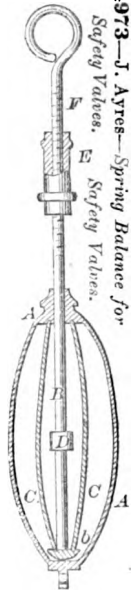
**74977—L. Bennet—For Cutting out Drawers.**



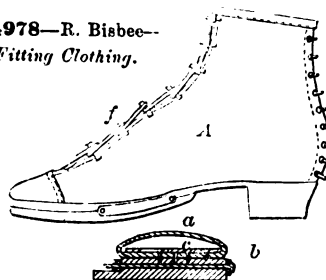
**74976—S. Bean—Cane Cleaner.**



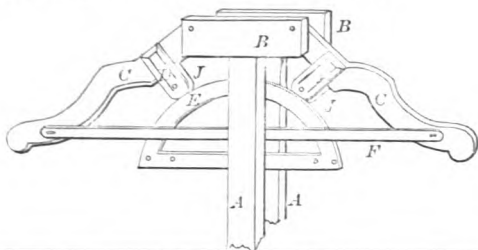
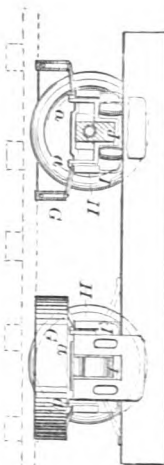
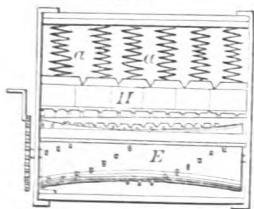
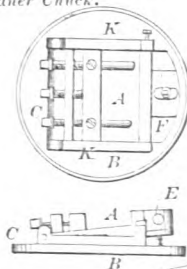
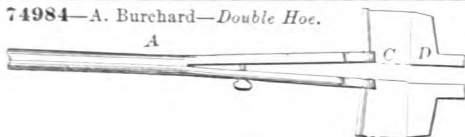
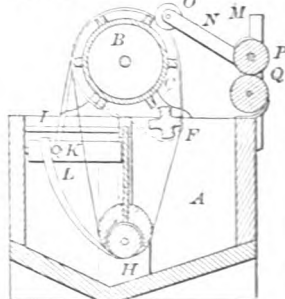
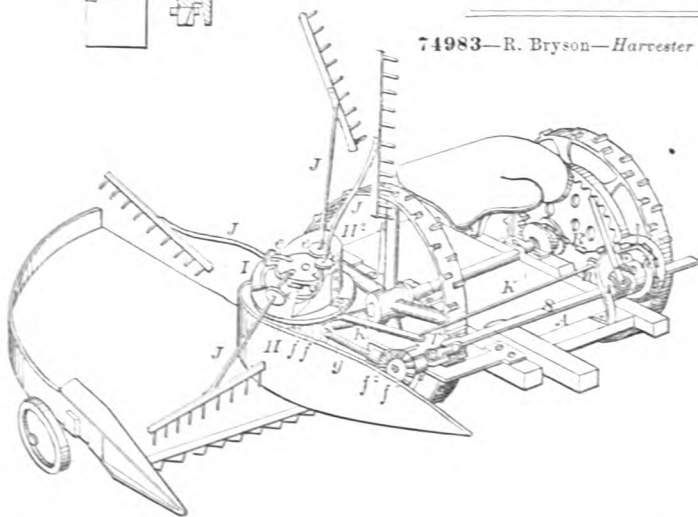
**74973—J. Ayres—Spring Balance for Safety Valves, Safety Valves.**



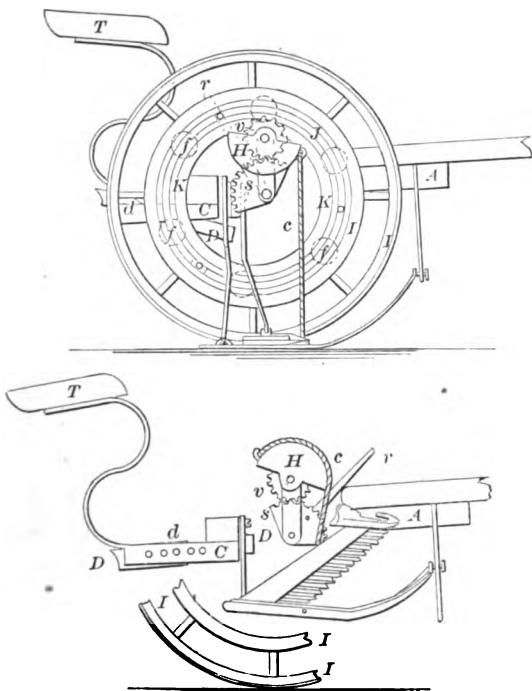
**74978—R. Bisbee—Fitting Clothing.**



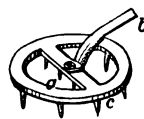


74979—M. Bockman—*Mechanical Movement.*74980—G. W. Brady—*Safety Attachment to Railroad Cars.*74981—J. Brinkerhoff—*Corn Sheller.*74982—R. A. Bruce—*Planer Chuck.*74984—A. Burchard—*Double Hoe.*74985—H. Barrows—*For Dyeing Piece Goods.*74983—R. Bryson—*Harvester Rake.*

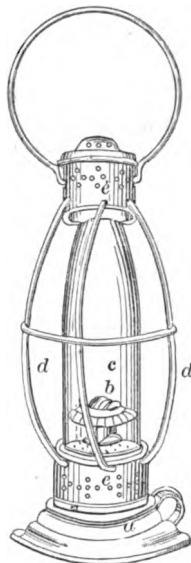
**74986**—G. E. Burt—*Mowing Machine.*



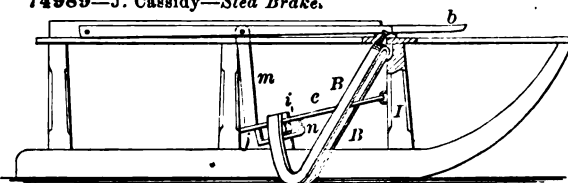
**74987**—J. H. Butler—*Rake.*



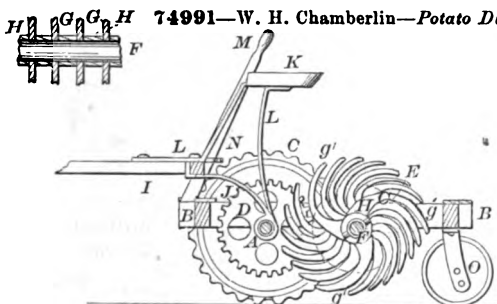
**74988**—J. Caldwell—*Lantern.*



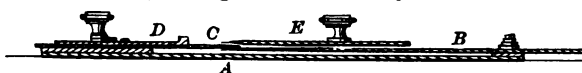
**74989**—J. Cassidy—*Sled Brake.*



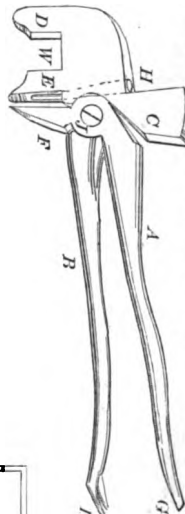
**74991**—W. H. Chamberlin—*Potato Digger.*

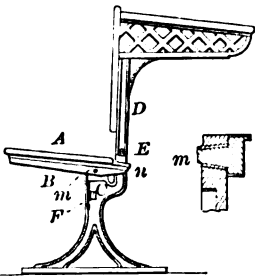
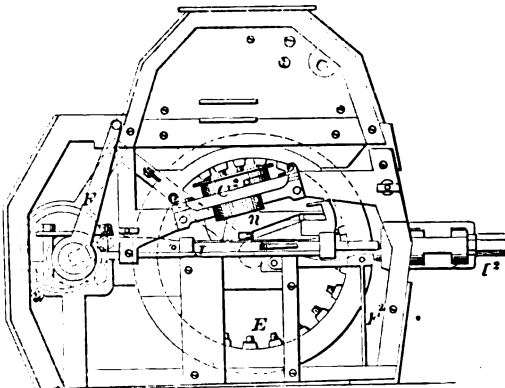
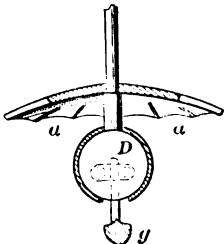
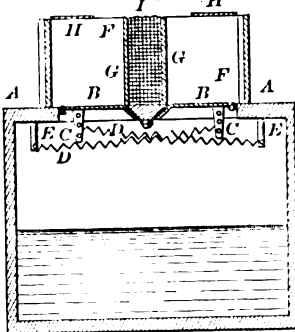
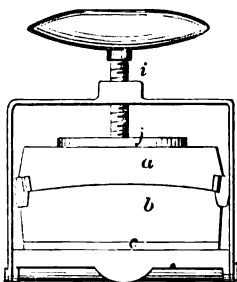
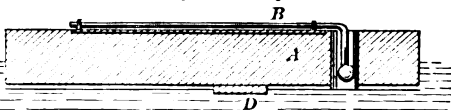
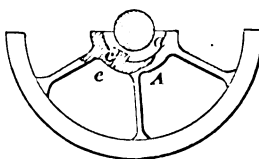
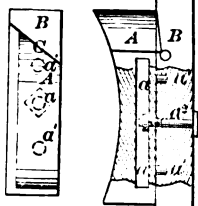


**74990**—Cawl, Corning & Wheeler—*Sewing Machine Plaiter.*

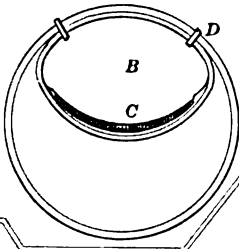


**74992**—T. C. Comstock—*Implement.*

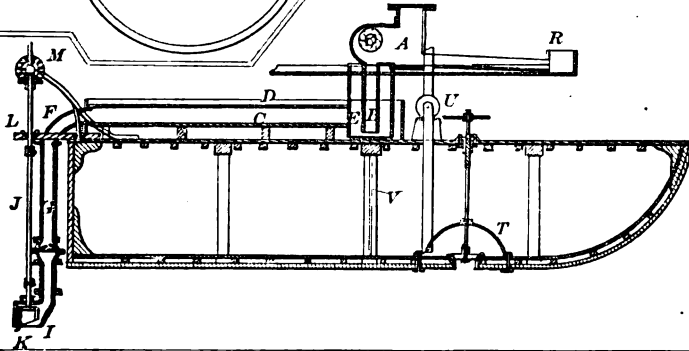


**74993**—I. Cook—*Adjustable Seat.***74994**—T. J. Cranmer—*Self-Loading Battery Gun.***74995**—R. Crawford—*Churn Dasher.***74998**—J. M. Dearborn—*Animal Trap.***75000**—G. E. Donham—*Dentists' Flask.***74997**—D. B. Day—*Floating Thermometer.***74999**—G. Dock—*Car Wheel.***75001**—G. Drake—*Car Brake Shoe.*

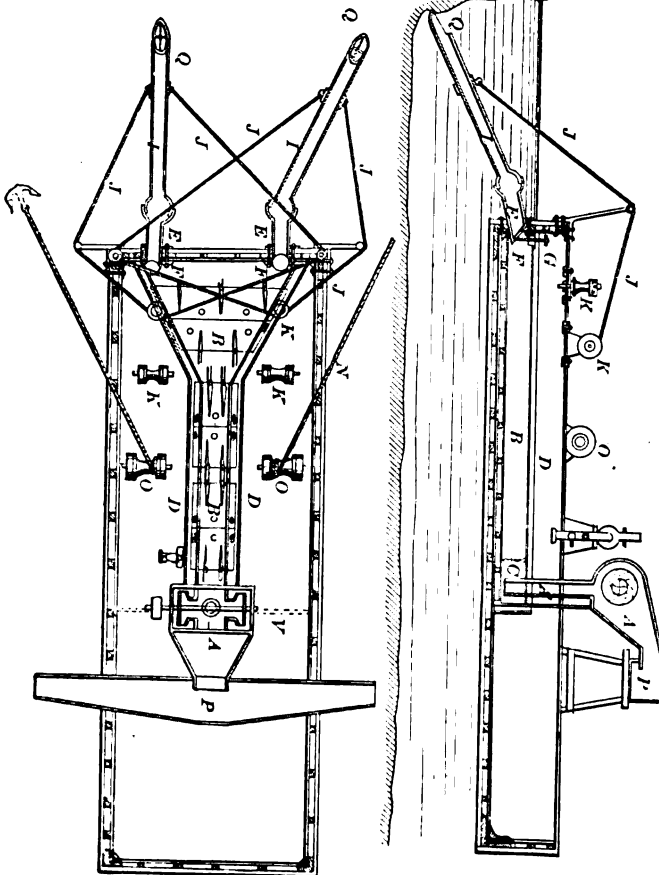
75002—W. Dunn—*Fluid Strainer.*

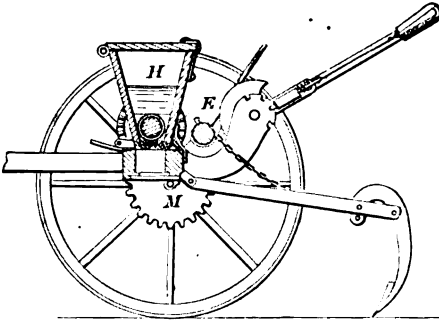
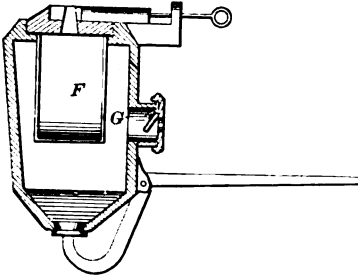
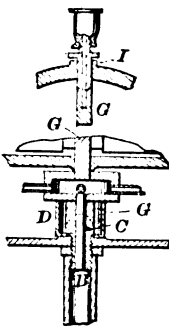
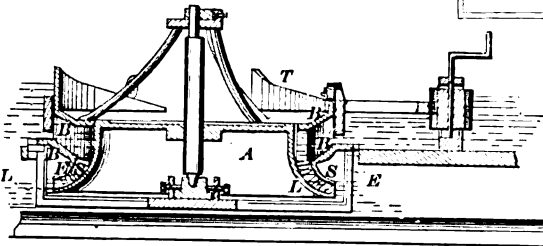
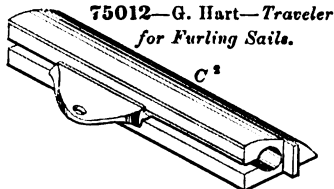
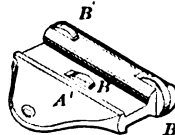
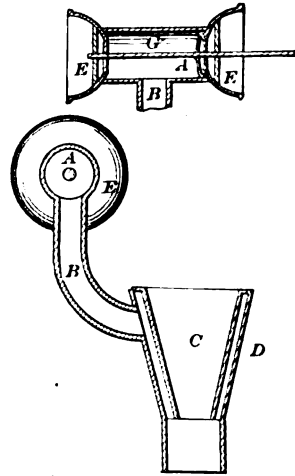
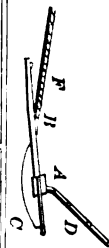


75003—A. Duvall—*Excavating under Water.*

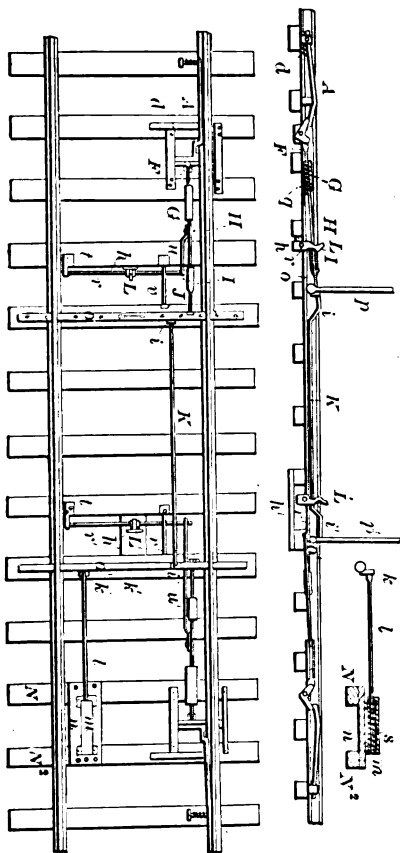


75004—A. Duvall—*Excavating under Water.*

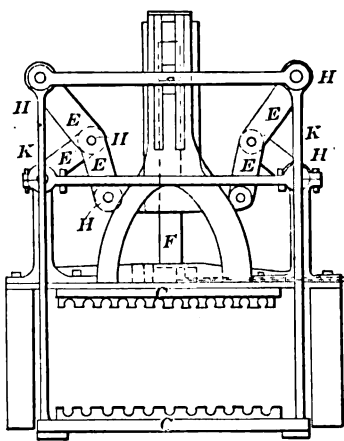


**75005—Eggleston & Swain—Seeding Machine.****75007—B. Fish—Tuyere.****75009—M. D. Grow—Water Wheel.****75011—J. Hainsworth—Steam Blower.****75012—G. Hart—Traveler for Furling Sails.****75010—F. Hainsworth—For Ventilating Water Closets.****75008—L. H. Gano—Bag Tie.****75006—J. Eliot—Horse Rake.**

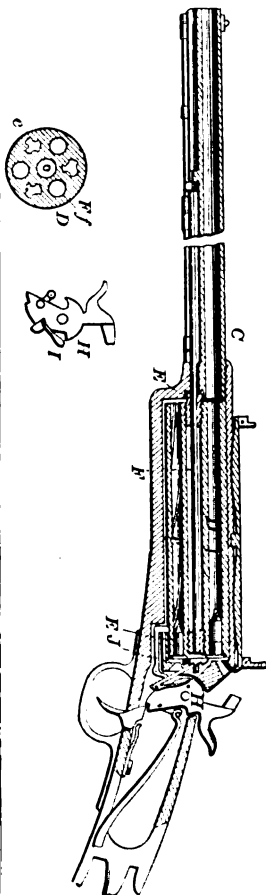
75013—A. Hartman—Railroad Gate.



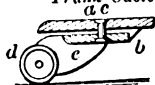
75015—C. W. Holbrook—Hydraulic Press.



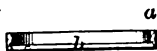
75016—G. Holman—Revolving Fire Arm.



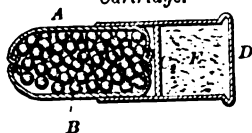
75017—Horton & McGaw—  
Trunk Caster.



75018—E. Howard—Dust Ring  
for Watches.



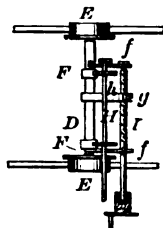
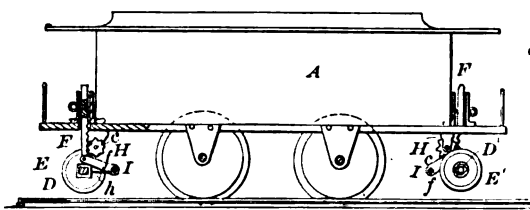
75019—W. O. Howard—Shot  
Cartridge.



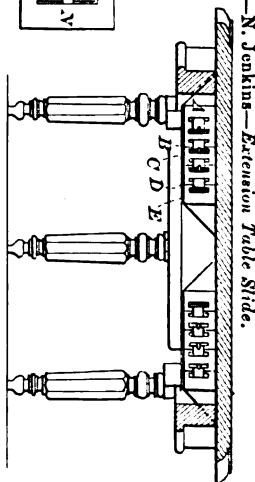
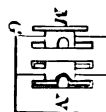
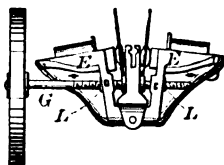
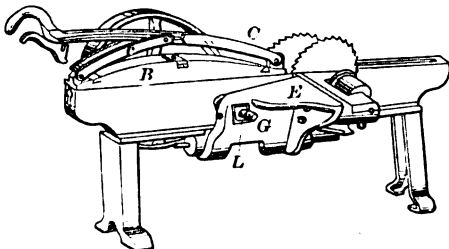
75014—G. G. Hickman—Bottle



75020—C. Hurst—Car Replacer.

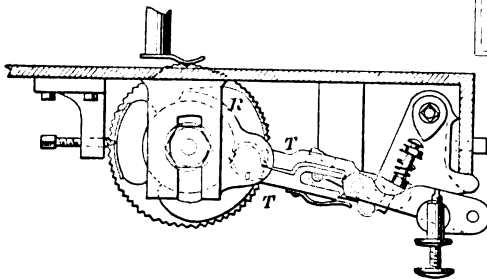


75021—C. B. Hutchinson—For Jointing Staves.

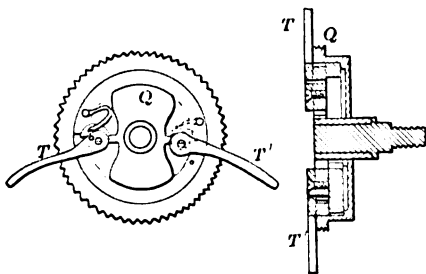


75022—N. Jenkins—Extension Table Slide.

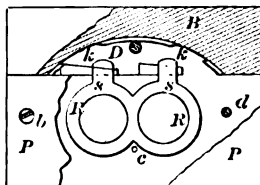
75023—J. T. Jones—Friction Driver.



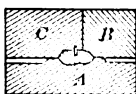
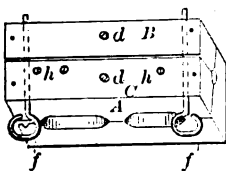
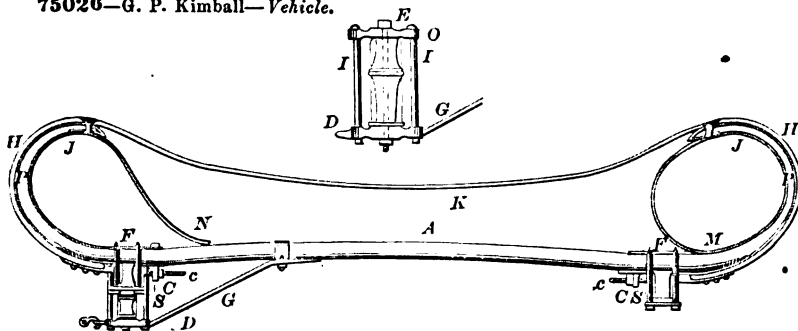
75024—J. T. Jones—Friction Driver.



75025—W. Johnston—Dedstead Fastening.

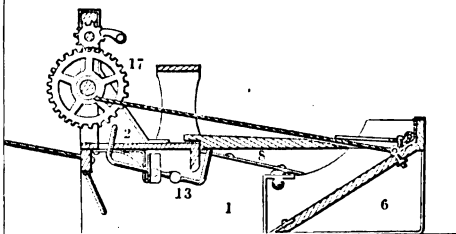


75026—G. P. Kimball—Vehicle.

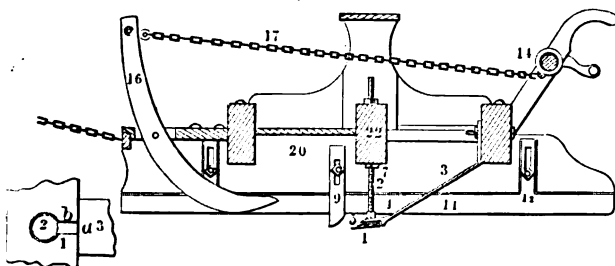


75027—A. A. Knowlton—Mould for Artificial Teeth.

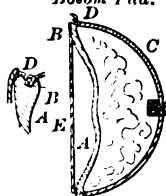
75028—S. Lewis—Snow Clearer.



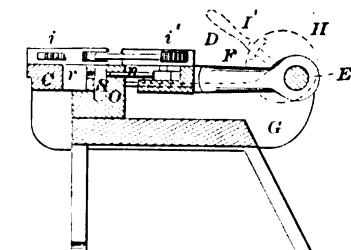
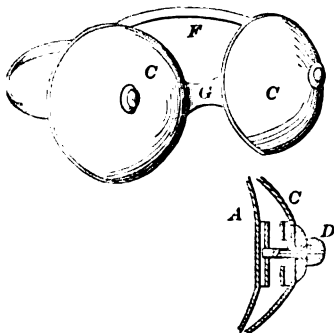
75029—S. Lewis—Ice Planer.



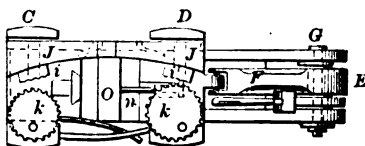
75031—H. W. Libbey—Bosom Pad.



75030—H. W. Libbey—Bosom Pad.



75032—S. E. Lockwood—Punching and Upsetting Apparatus.

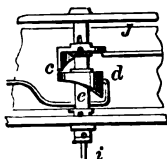
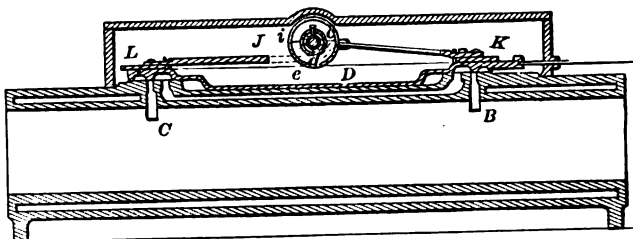




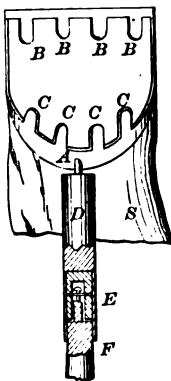
75033—J. A. J. Logan—Reflector.



75034—H. O. Lothrop—Steam Engine Cut-off.



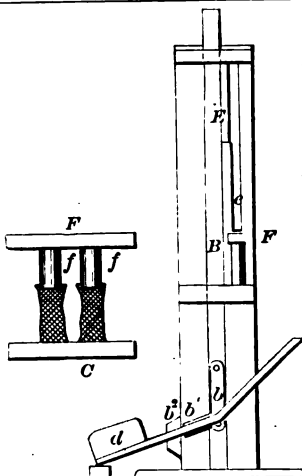
75035—V. H. Lyon—Fruit Gatherer.



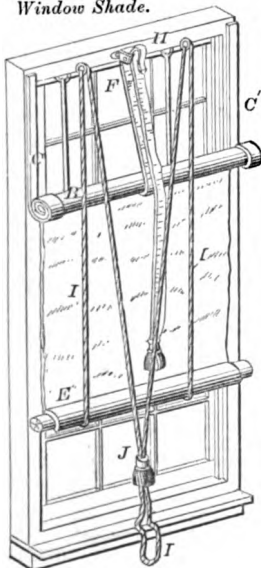
75036—C. Manheim—Catamenial Sack.



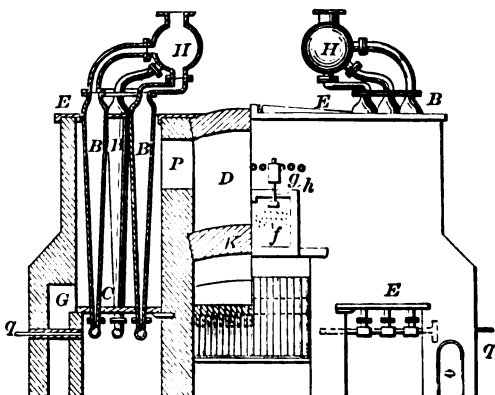
75038—D. C. Mayo—Press for Picking Shred Tobacco.



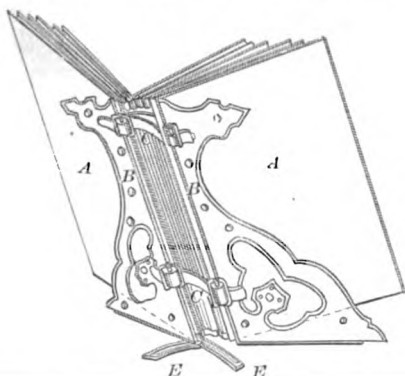
75037—C. G. Matchett—Window Shade.



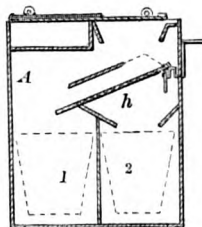
75039—D. N. Melvin—Steam Generating Furnace.



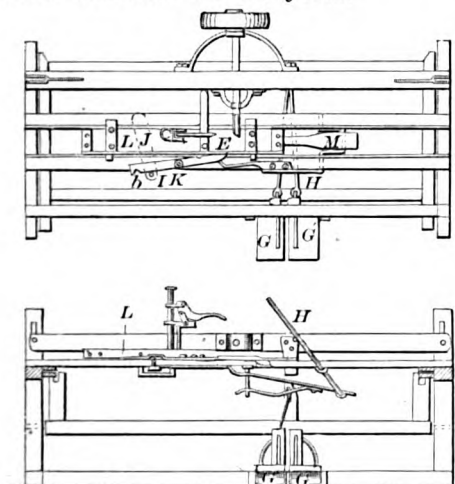
75040—W. Milliken—*Book Cover and Stand.*



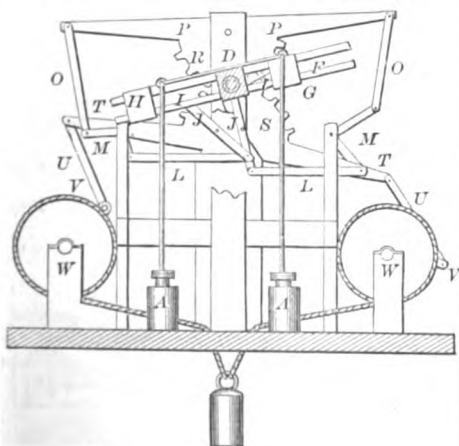
75043—D. Morrison—*Coal Sifter.*



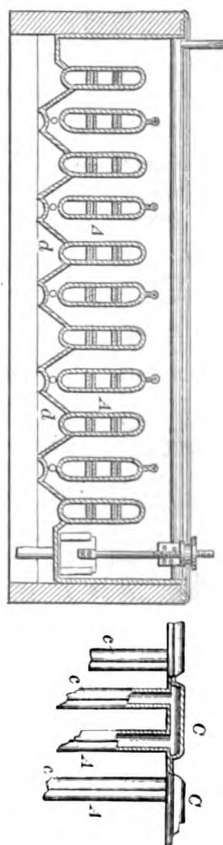
75041—B. F. Mohr—*For Boring Posts.*

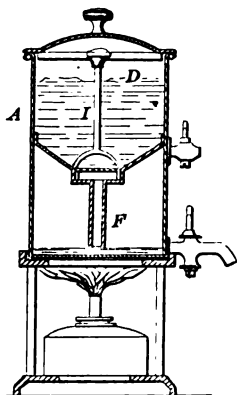
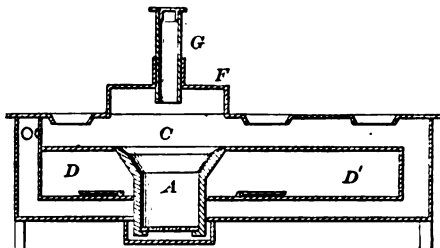
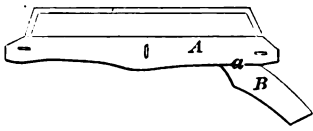
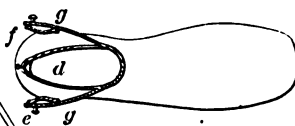
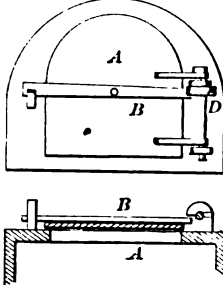
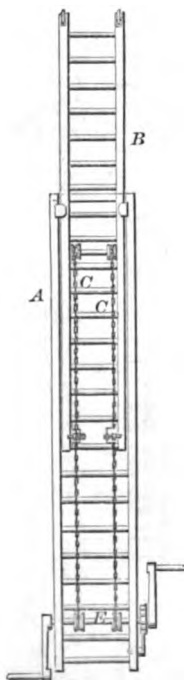
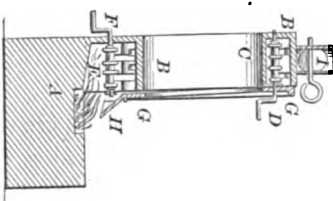
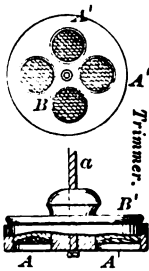
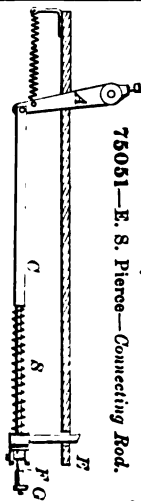
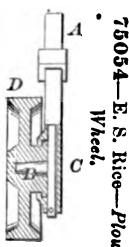
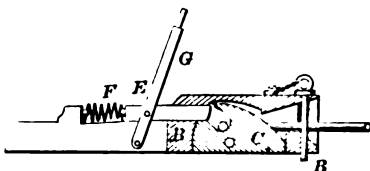


75042—H. Moore—*Air Condensing Apparatus.*

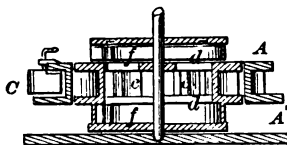


75044—R. Morton—*Liquid Cooler.*

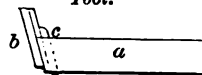


75045—J. Nason—*Coffee Pot.*75046—B. Nott—*Cooking Stove and Range.*75047—G. F. Perkins—*Collar and Neck Tie.*75048—C. Perley—*Shoe.*75053—J. L. Reilly—*Furnace Door Latch.*75052—B. Pine—*Extension Ladder.*75050—E. Pierce—*Tire Heater.*75049—H. Pernot—*Billiard Cue*75051—E. S. Pierce—*Connecting Rod.*75055—S. O. Rogers, Jr.—*Car Coupling.*75054—E. S. Rice—*Flow Wheel.*

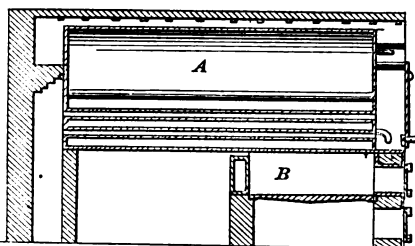
75056—Rose & Wright—Water Wheel.



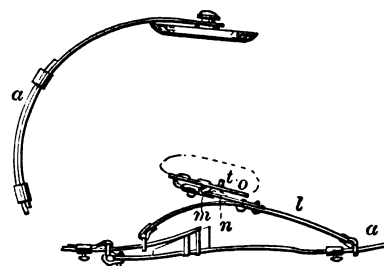
75060—T. Shaw—Lathe Tool.



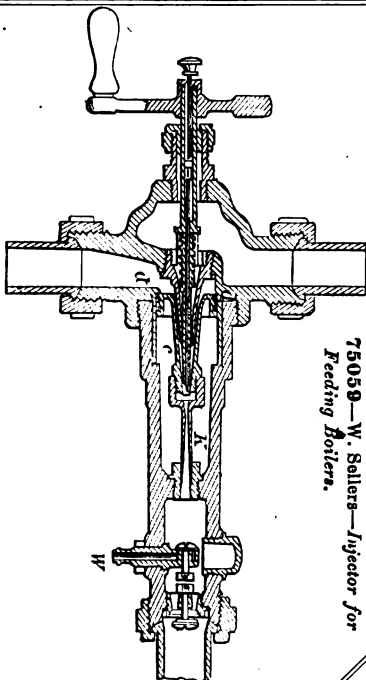
75057—S. Sawyer—Steam Generator.



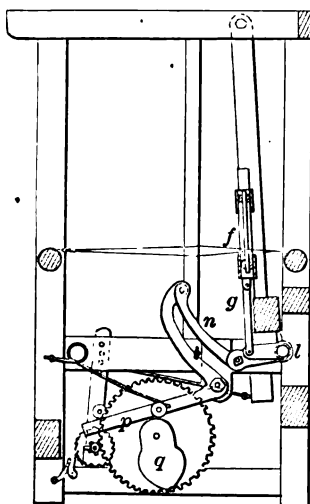
75061—J. A. Sherman—Truss.



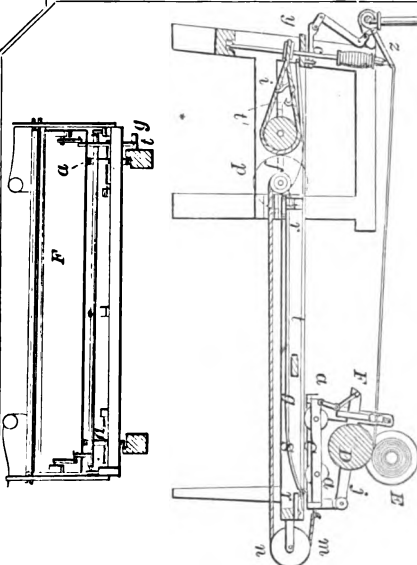
75059—W. Sellers—Injector for Feeding Boilers.

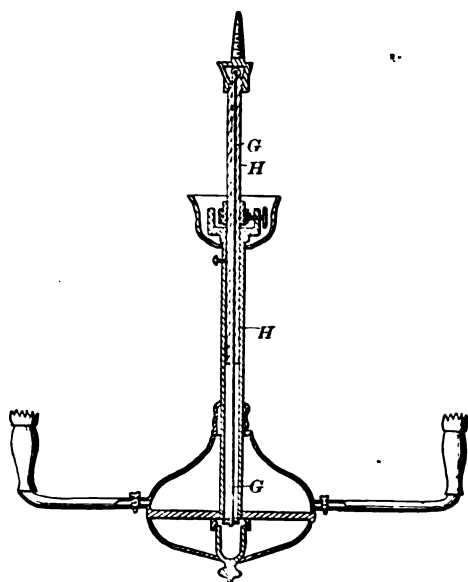
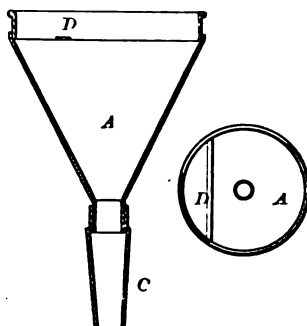
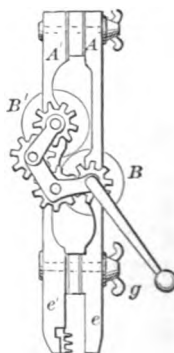
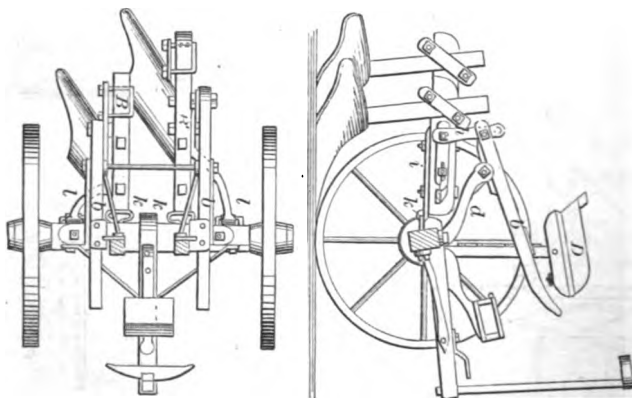
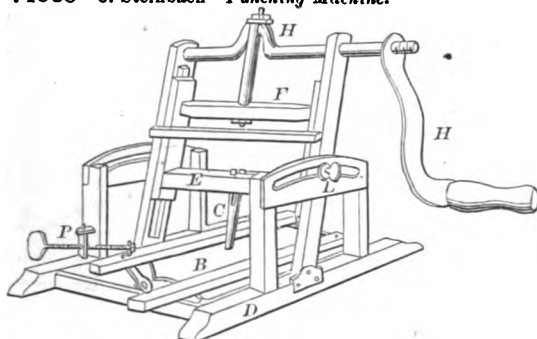


75062—Silbermann & Unger—Loom.

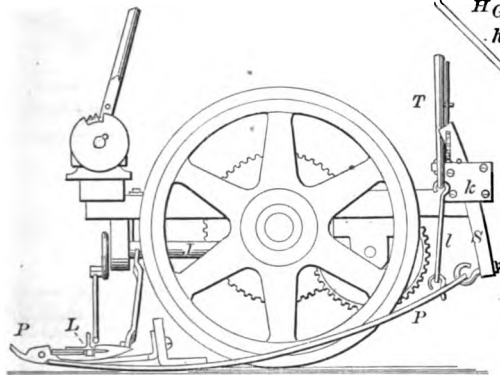
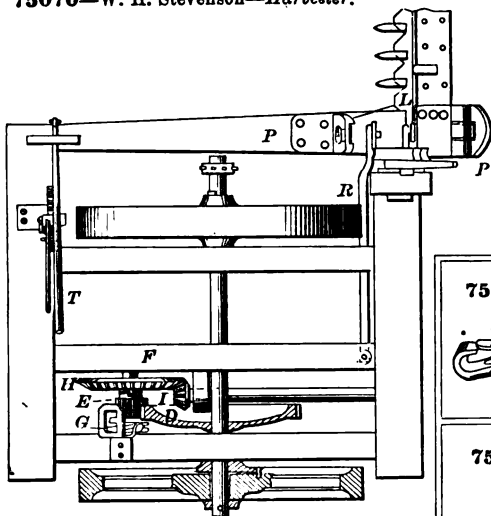


75063—A. W. Slivis—Hand Spinning Machine.

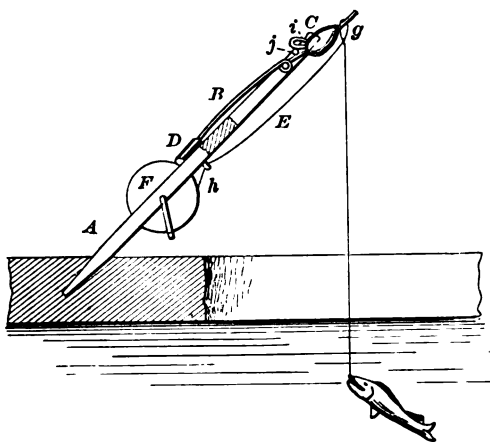


75064—R. J. Skinner—*Chandelier.*74065—T. W. Slade—*Funnel.*75066—H. E. Smith—*Clothes Wringer.*74068—C. Steinbach—*Punching Machine.*75069—G. Steinegger—*Gang Plow.*

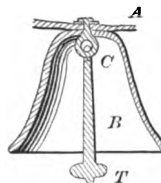
75070—W. H. Stevenson—*Harvester.*



75075—D. C. Talbot—*Fishing Tackle.*



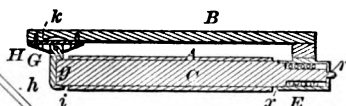
75071—G. M. Strong—*Sleigh Bell.*



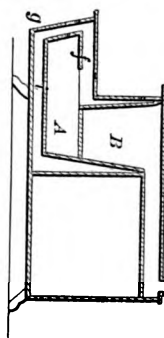
75074—A. Sweetland—*Hame Fastener.*



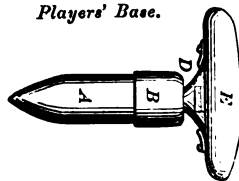
75072—A. Studley—*Curtain Fixture.*



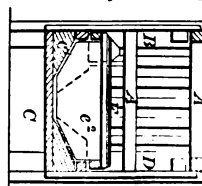
75073—G. W. Swett—*Cooking Stove*  
*Ash Pan.*



75076—E. D. Taylor—*Ball*  
*Players' Base.*

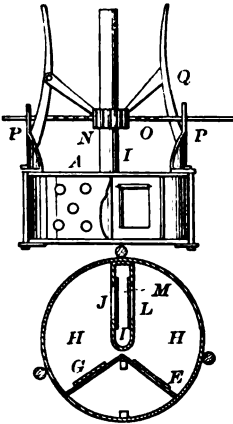


75077—J. Taylor—*Sheep Rack.*

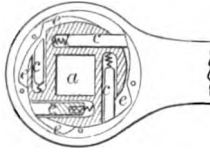




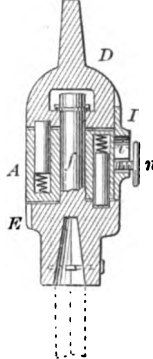
**75088**—J. R. Weisiger—  
*Pump.*



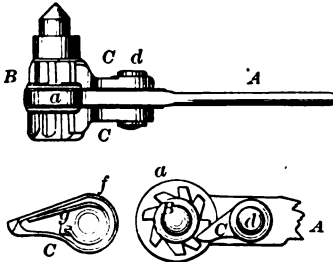
**75089**—T. A. Weston—  
*Ratchet Head and Lever.*



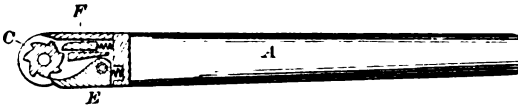
**75091**—T. A. Weston—  
*Ratchet Brace.*



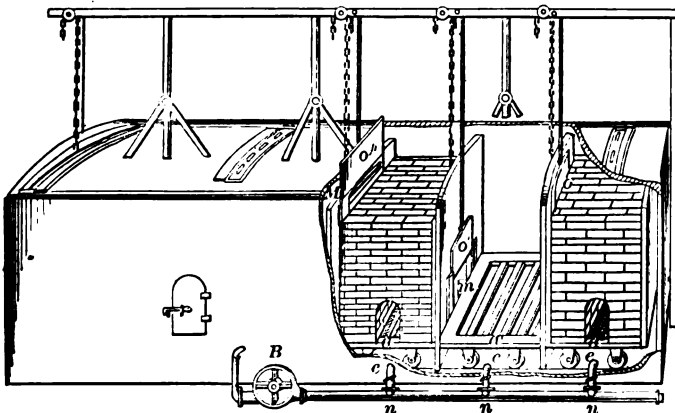
**75092**—T. A. Weston—*Ratchet  
Brace or Lever.*



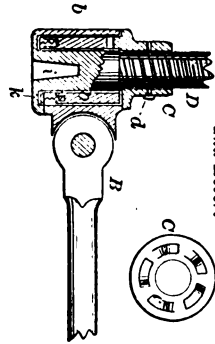
**75093**—T. A. Weston—*Ratchet Brace Lever.*



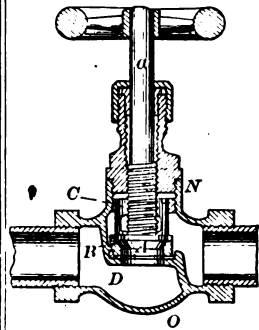
**75096**—H. D. Whittemore—*Brick Kiln.*



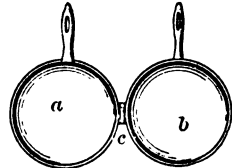
**75090**—T. A. Weston—*Ratchet Head  
and Lever.*



**75094**—S. H. Whitaker—  
*Globe Valve.*

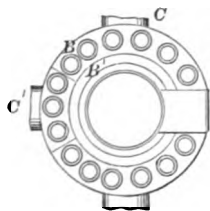
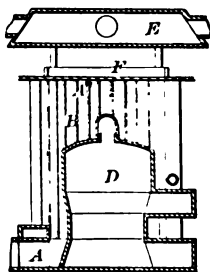


**75095**—R. C. Whitehouse—  
*Frying Pan.*

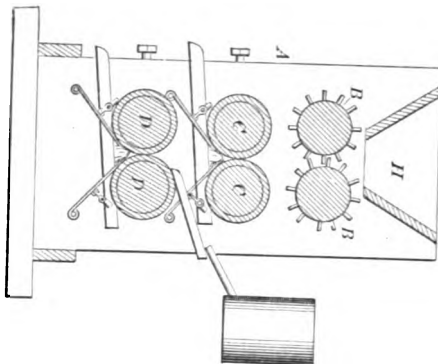




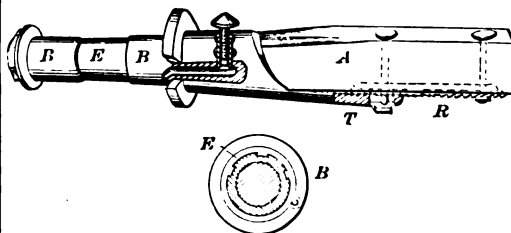
**75097**—C. F. Whorf—*Hot Air Furnace.*



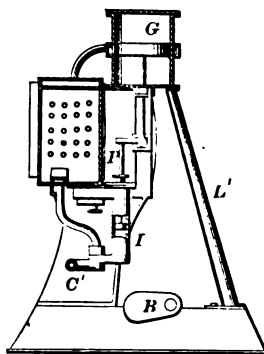
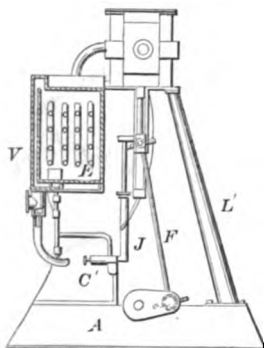
**75101**—J. D. Willoughby—*Cider Mill.*



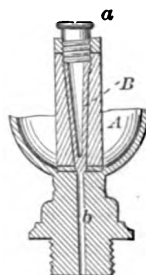
**75099**—J. A. Williams—*Vehicle Axle.*



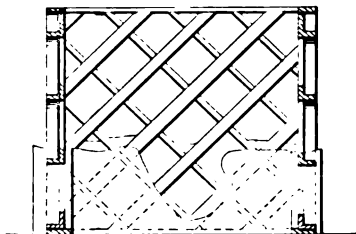
**75102**—I. S. Wilson—*Surface Condenser.*



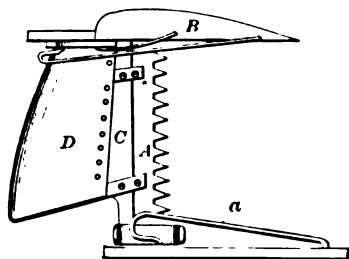
**75100**—N. B. Williams—*Oil Cup.*



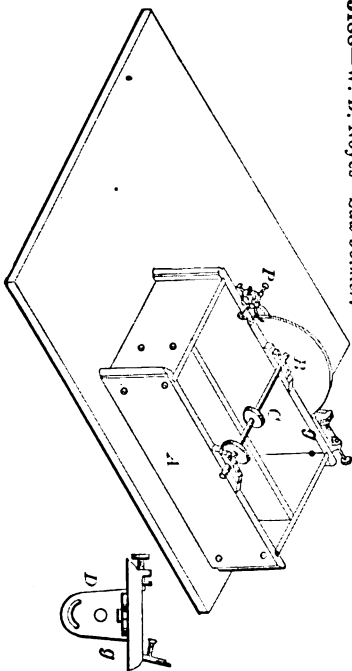
**75098**—C. Williams—*Construction of Walls of Buildings.*



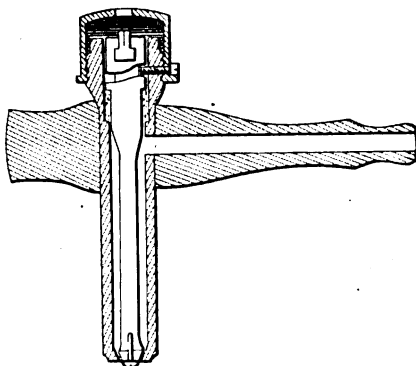
**75103**—R. C. Wrenn—*Hemp Harvester.*



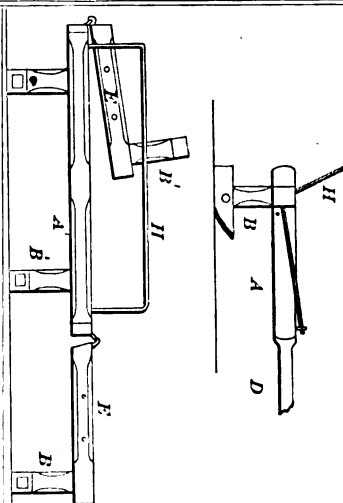
75188—W. B. Noyes—Saw Joiner.



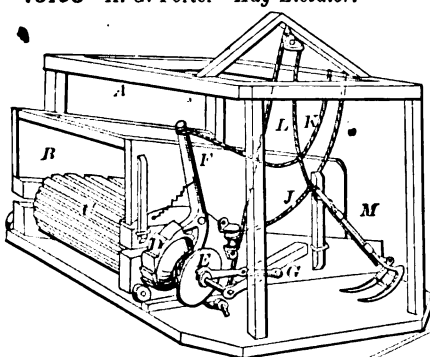
75191—T. W. Plum—Syphon Faucet.



75190—J. P. Olin—Corn Marker, &c.



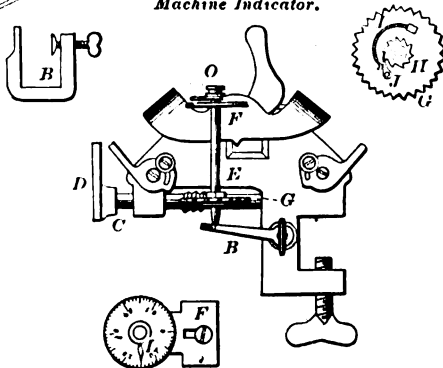
75193—H. G. Porter—Hay Elevator.



75192—D. H. Porter—Pivoting Teeth.



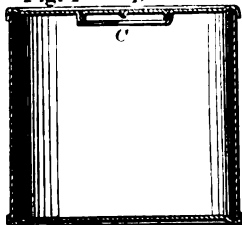
75194—J. C. Potter—Knitting Machine Indicator.



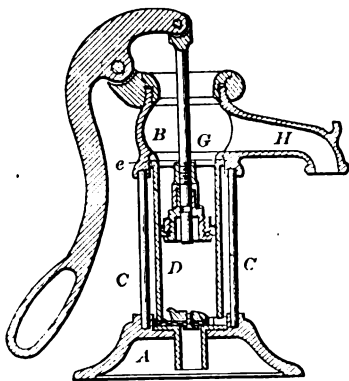
75189—P. Numsen—Fruit Can.

Fig. 4 & 5

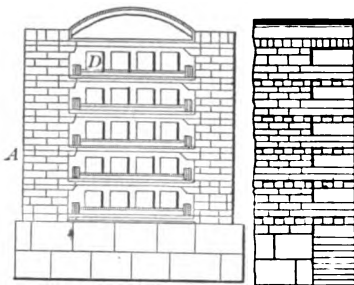
Fig. 1 C D



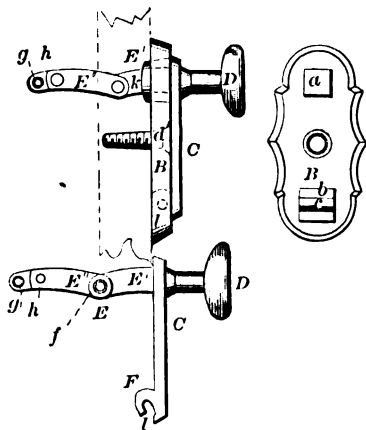
75112—J. S. Barden—Pump.



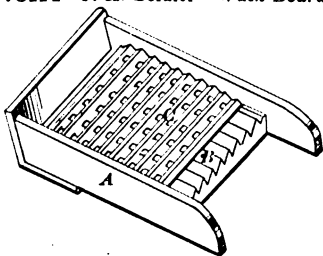
75113—D. Barker—Dryer.



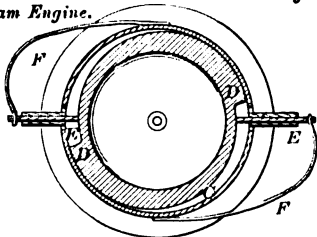
75118—Bonsall &amp; Hillebrand—Bell Pull.



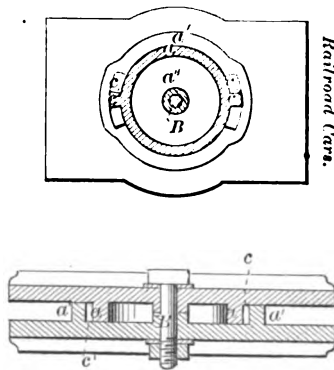
75114—J. H. Beidler—Wash Board.



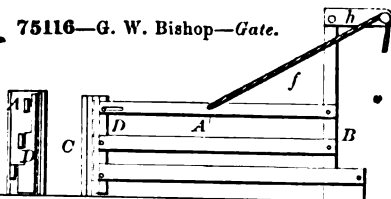
75117—Boicourt &amp; Barnes—Rotary Steam Engine.



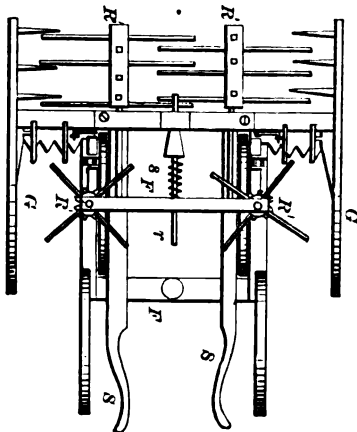
75115—G. W. Bennett—Centre Plate for Railroad Cars.



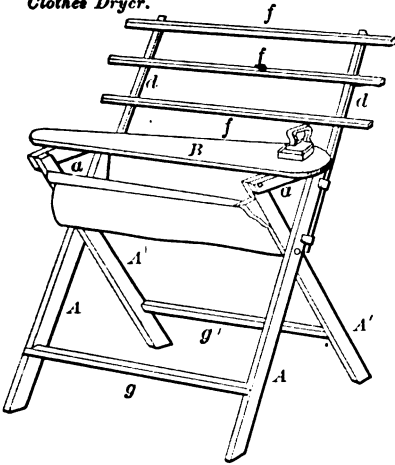
75116—G. W. Bishop—Gate.



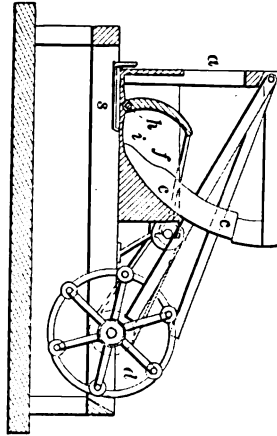
75119—E. Boswell—Corn Harvester.



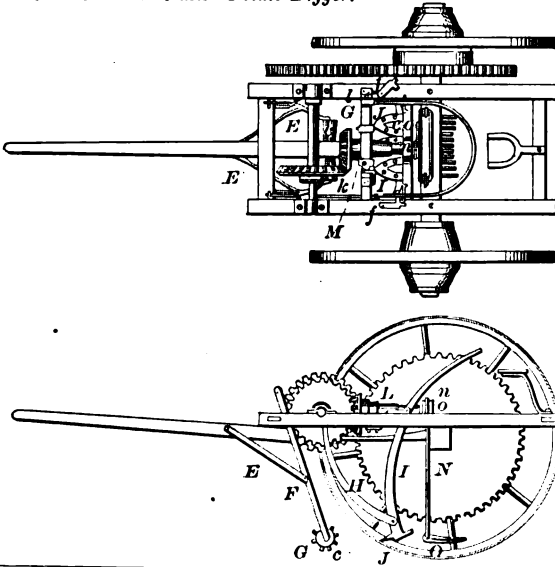
**75120**—B. S. Boydston—*Ironing Stand and Clothes Dryer.*



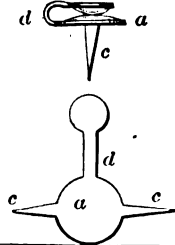
**75122—A. Cattaneo—For Fulling Hat Bodies.**



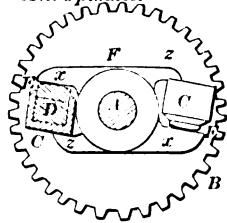
**75123**—J. C. Clark—*Potato Digger.*



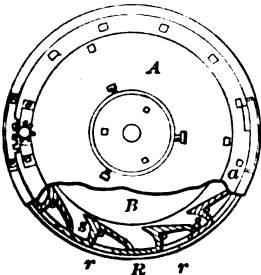
**75126**—O. H. Cooke—  
*Shoe Lacer.*



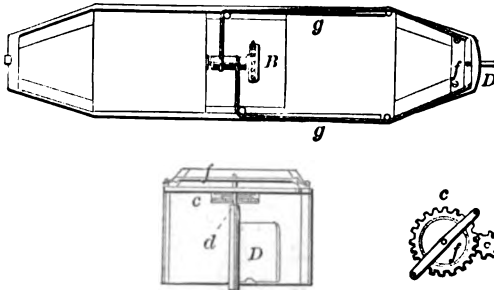
**75124**—T. L. Clark—  
*Spring Equalizer for  
Mill Spindles.*



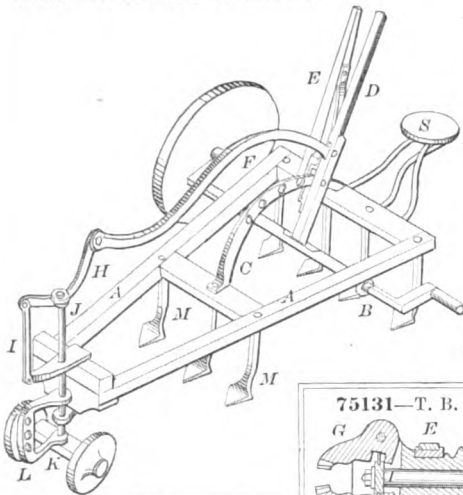
**75121—N. F. Burnham—  
Water Wheel.**



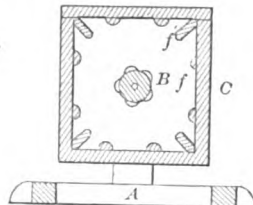
**75125—G. H. Colbert—Steering Apparatus.**



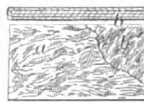
75127—J. Crowther—Cultivator.



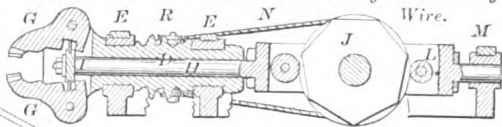
75129—G. Custer—Washing Machine.



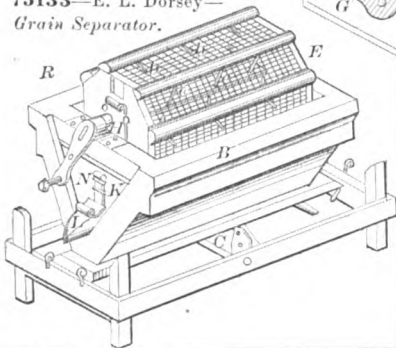
75130—A. R. Davis—Card Board for Printing



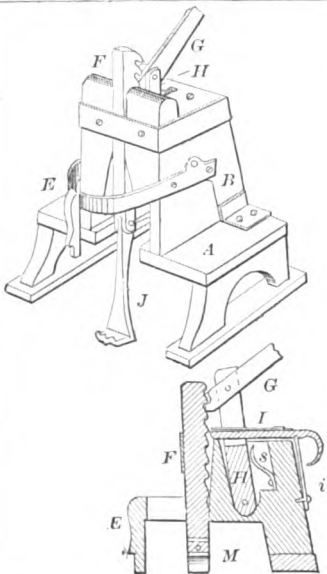
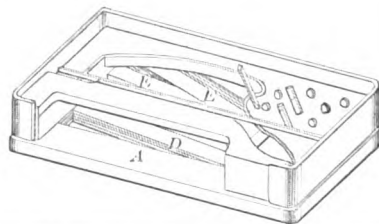
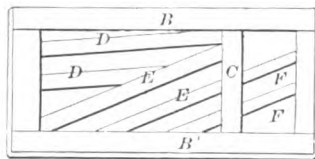
75131—T. B. De Forest—For Reducing and Pointing Wire.



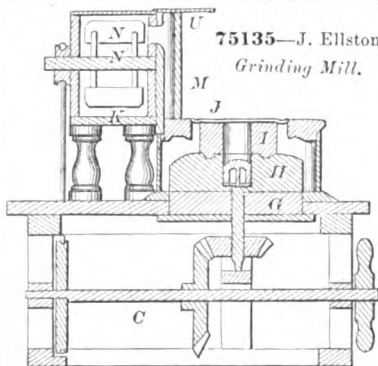
75133—E. L. Dorsey—Grain Separator.



75132—A. F. Dessau—Piano Forte Frame.

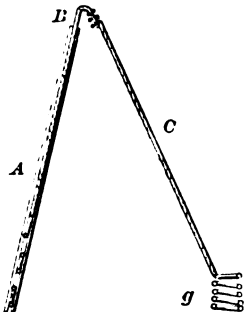


75134—J. Douglass—Lifting Jack and Spike Extractor.

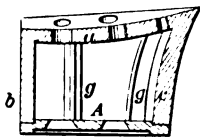


75135—J. Ellston—Grinding Mill.

**75136**—J. Emery—  
*Lamp Shade.*



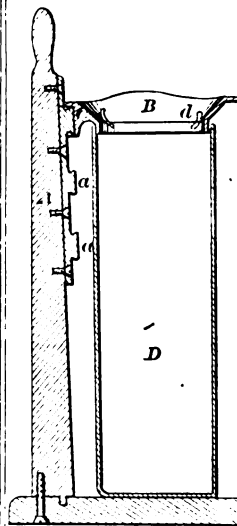
**75137**—T. S. Engledow—  
*Boot and Shoe Heel.*



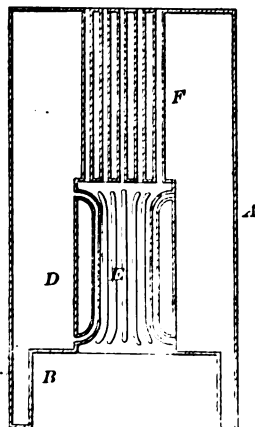
**75140**—H. Fassmann—*Cotton  
Bale Tie.*



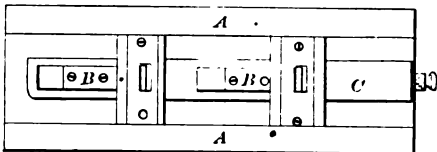
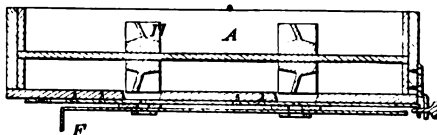
**75138**—E. C. Fairchild—*Bag Holder.*



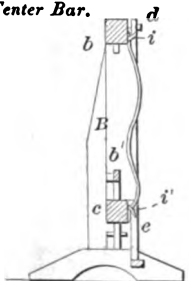
**75141**—H. T. Fenton—*Steam  
Generator.*



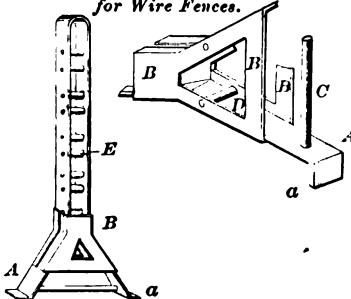
**75142**—J. R. Finch—*Grain Drill.*



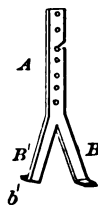
**75143**—S. L. Fiske—  
*Tenter Bar.*



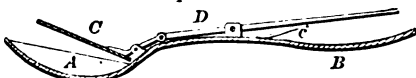
**75144**—H. K. Flinchbaugh—*Iron Post  
for Wire Fences.*



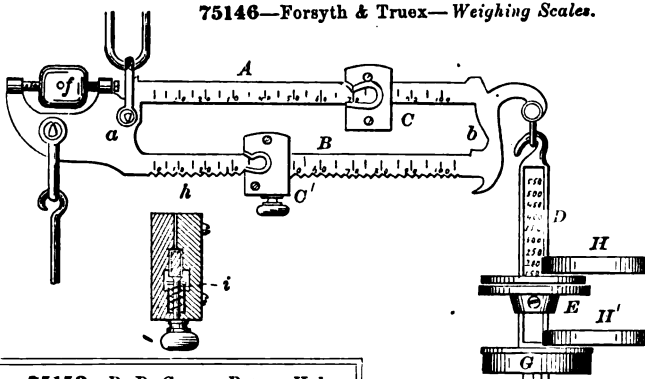
**75145**—H. K. Flinchbaugh—*Iron Post for Wire  
Fences.*



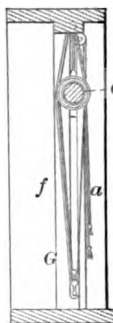
**75139**—S. Farrer—*Spoon.*



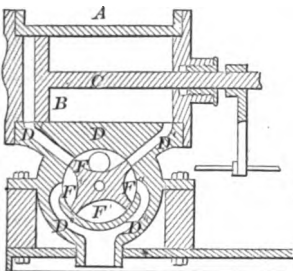
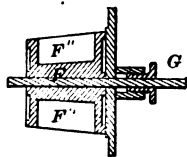
75146—Forsyth &amp; Truex—Weighing Scales.



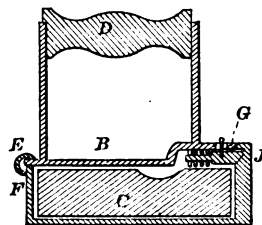
75152—I. C. Gower—Window Shade.



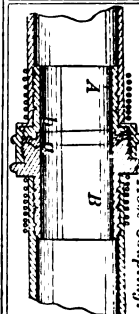
75153—R. D. Gray—Rotary Valve



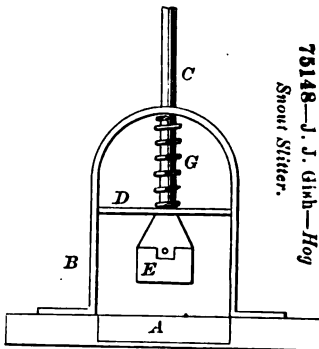
75150—R. J. P. Goodwin—Sad Iron.



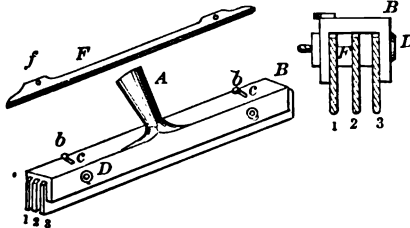
75151—R. J. Gould—Packing for Hose Coupling.



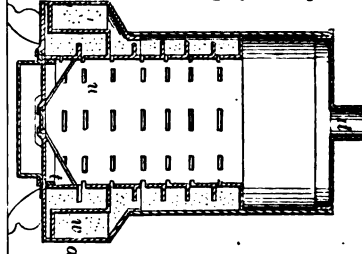
75148—J. J. Gish—Hog Snow Sitter.



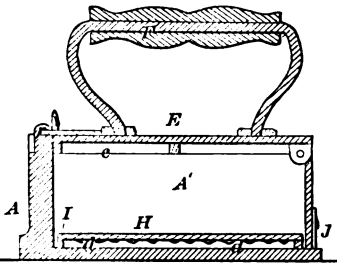
75154—H. B. Grebinger—Scrubber Holder.



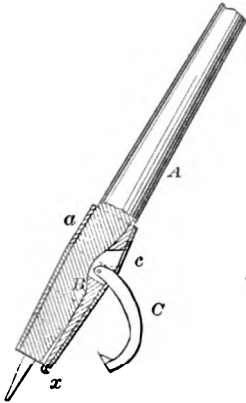
75155—C. B. Gregory—Fireplace.



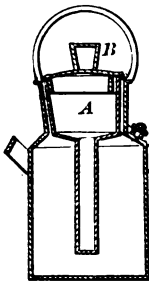
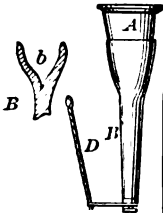
75156—J. Grüssi—Flatiron.



75162—G. W. Herring—Cant Hook.

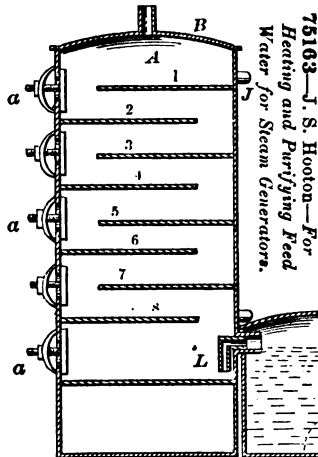
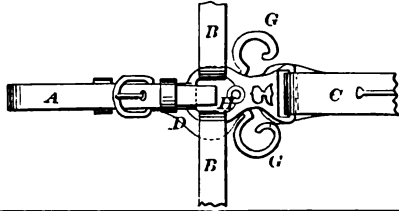


75158—J. R. Hamilton—  
For Making Local  
Applications.



75160—Hawley & Westcott—  
For Cooling Milk.

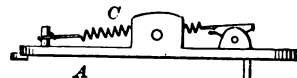
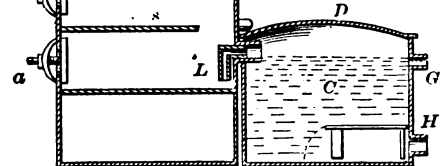
75157—J. N. Guger—Tug and Chain Carrier.



75163—J. S. Hooton—For  
Heating and Purifying Feed  
Water for Steam Generators.

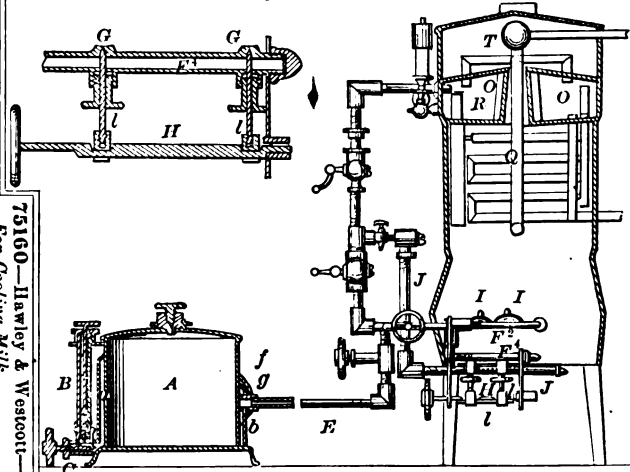


75164—R. B. Hagamin—  
Pen Rest.

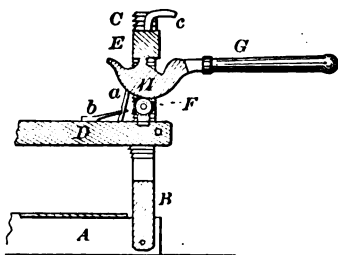
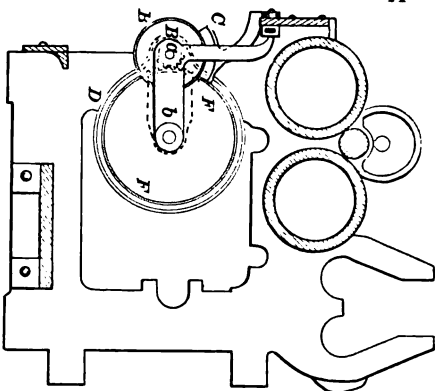
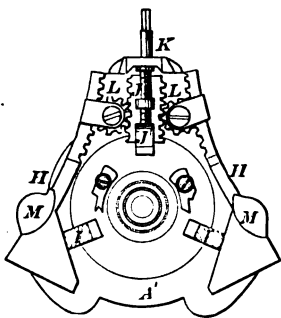
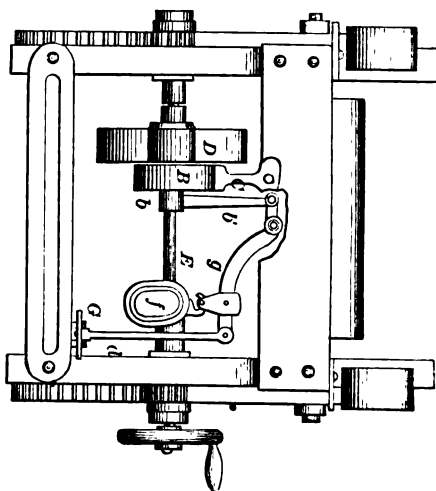
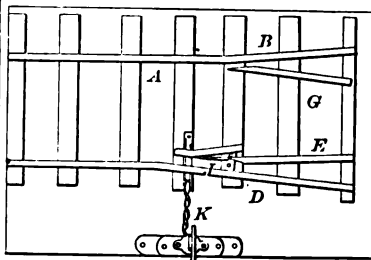
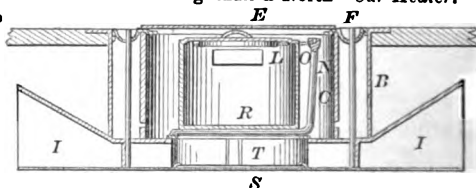
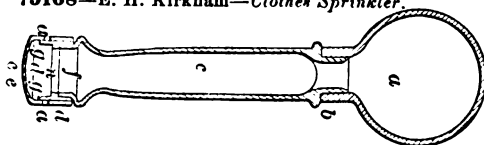
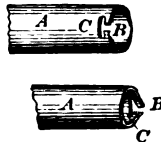


75159—J. Harvey—Hat Hook.

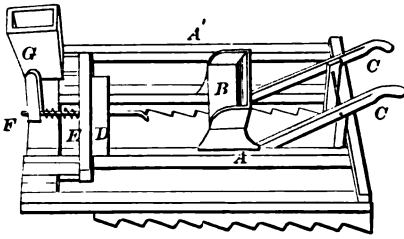
75165—J. S. Hull—Hydro-Carbon Burner.



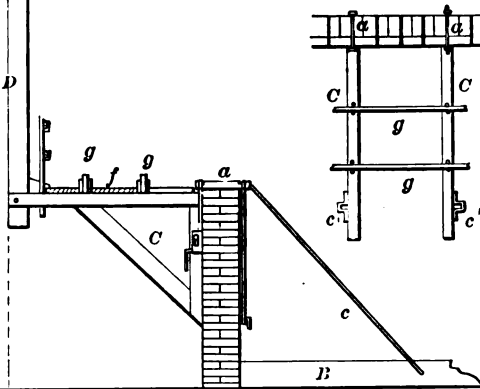


**75166—J. Hutchinson—Hop Press.****75169—K. Kitson—Brake for Cotton Lappers.****75167—N. Johnson—For Boring Hubs.****75171—H. K. Leech—Railroad Switch.****75172—Lighthall & North—Car Heater.****75168—E. H. Kirkham—Clothes Sprinkler.****75173—W. A. Lighthall—For Securing Tubes in Surface Condensers.**

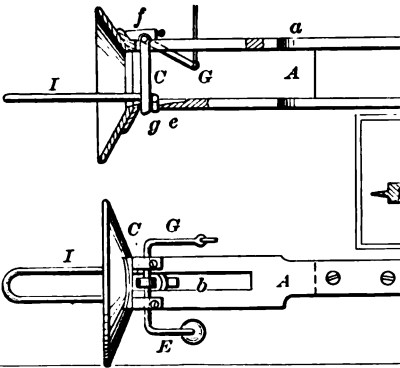
75174—Lowrey, Case & Chew—Corn Planter.



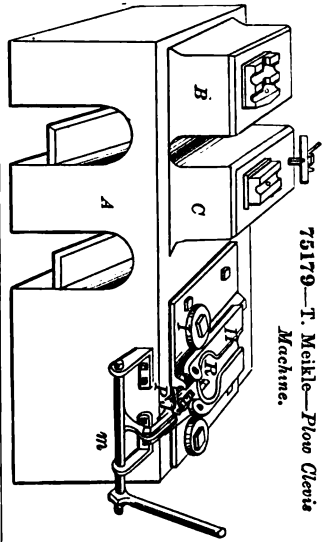
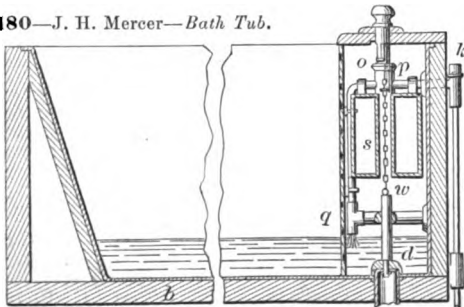
75176—J. H. Martin—Scaffolding.



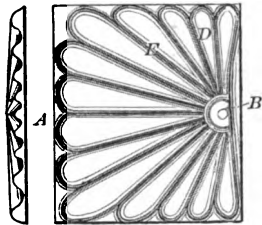
75178—J. S. McMurray—Car Coupling.



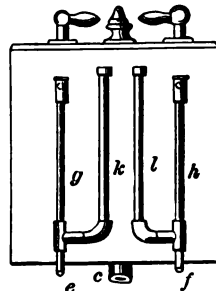
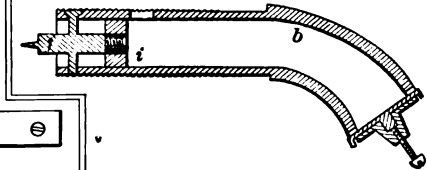
75180—J. H. Mercer—Bath Tub.

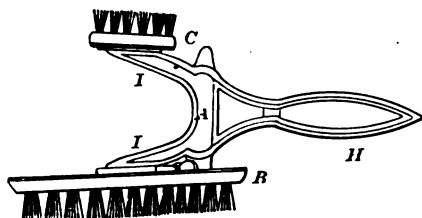
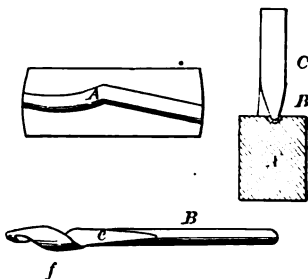
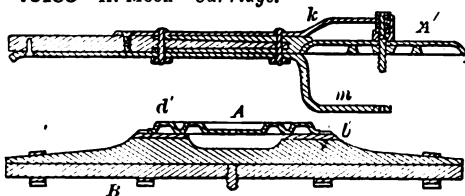
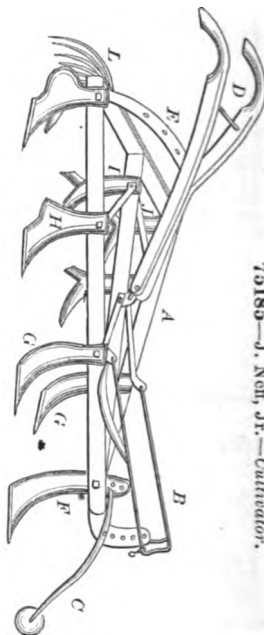
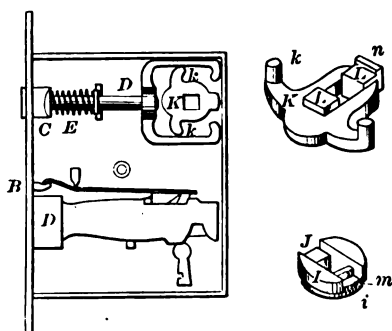
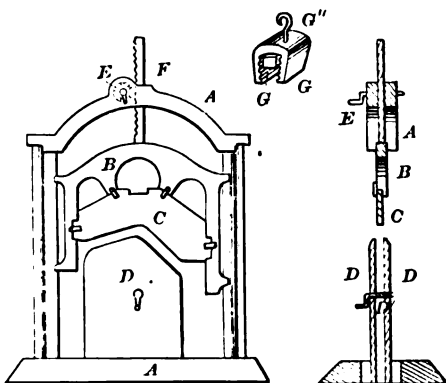
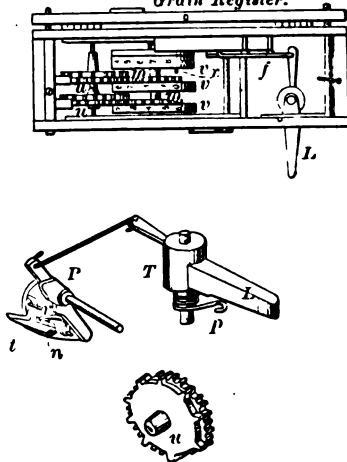


75175—Mace & Gwyer—Ice Box Bottom.

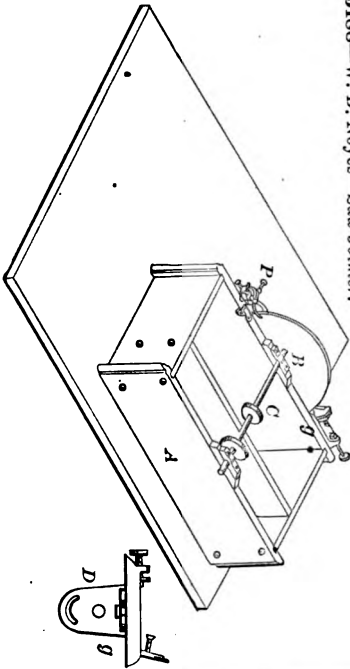


75177—S. McGee—Boring Faucet.

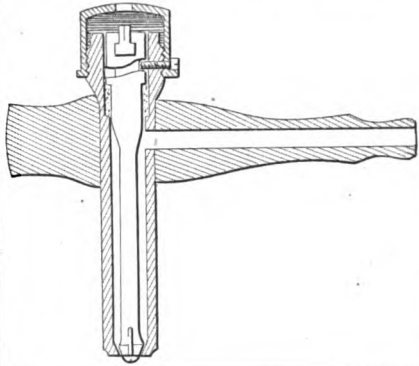


75181—H. J. Miller—*Boot Jack and Brush.*75182—J. Mix—*Gimlet.*75183—H. Moon—*Carriage.*75184—W. T. Munger—*Reversible Knob Latch.*75185—J. Nell, Jr.—*Cultivator.*75186—J. A. Nesbit—*Boot Crimping Machine.*75187—M. W. & G. W. Nesmith—*Grain Register.*

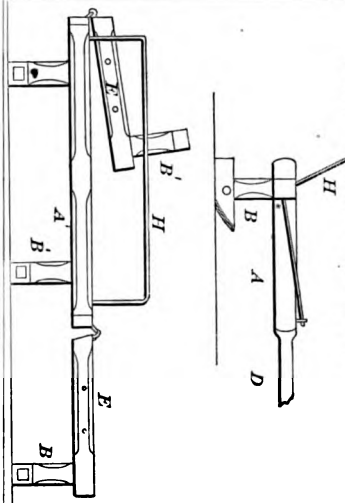
75188—W. B. Noyes—Saw Joiner.



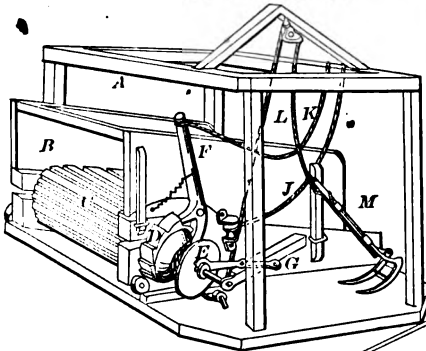
75191—T. W. Plum—Syphon Faucet.



75190—J. P. Olin—Corn Marker, etc.



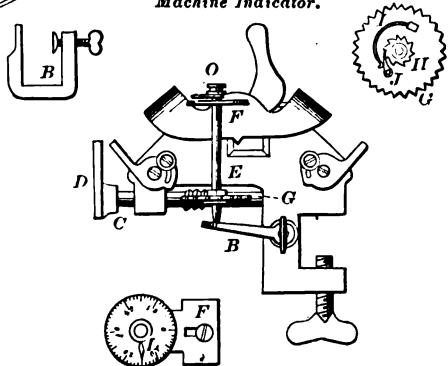
75193—H. G. Porter—Hay Elevator.



75192—D. H. Porter—Pivoting Teeth.



75194—J. C. Potter—Knitting Machine Indicator.

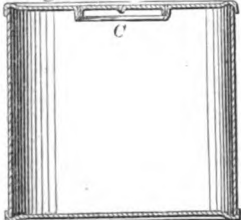


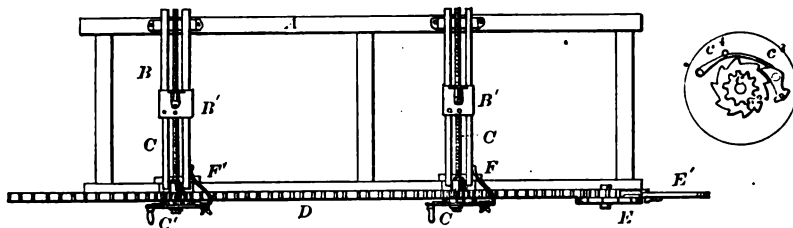
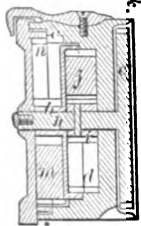
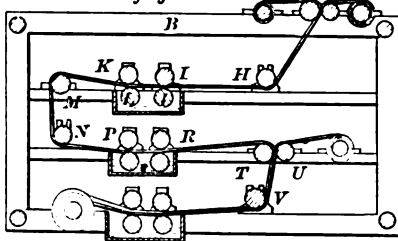
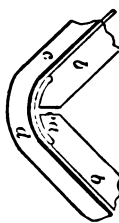
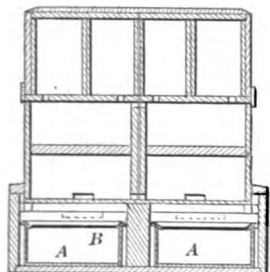
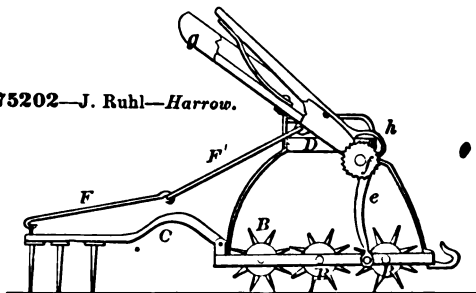
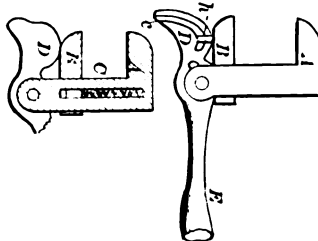
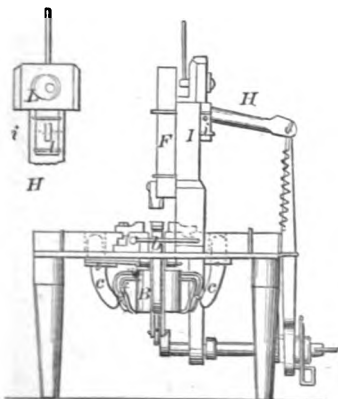
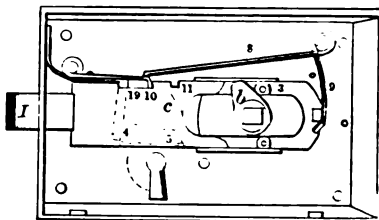
75189—P. Numsen—Fruit Can.

Fig. 4 & 5

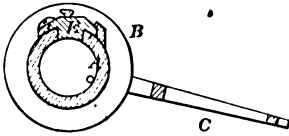


Fig. 1 C D

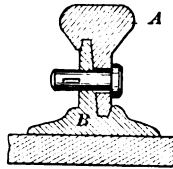


**75195—W. S. Reeder—Head Block for Saw Mills.****75197—A. Robinson—Manufacture of Roofing Fabrics.****75196—C. Richardson—Machine Clock.****75200—E. A. G. Roulstone—Trunk Corner.****75201—D. Rudolph—Beehive.****75202—J. Ruhl—Harrow.****75198—J. Root—Bolt Heading Machine.****75204—G. Schumacher—Knob Latch and Lock.**

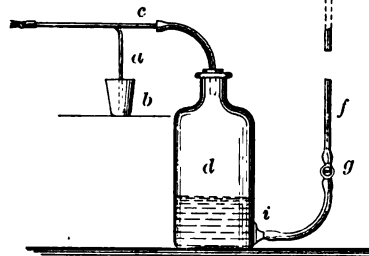
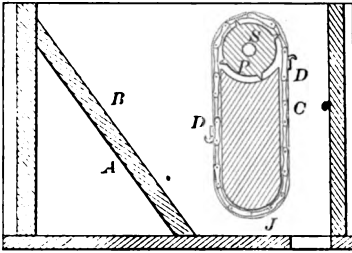
**75205**—Shaw & Simmonds—Churn.



**75206**—E. R. Shepard—  
Railroad Rail.

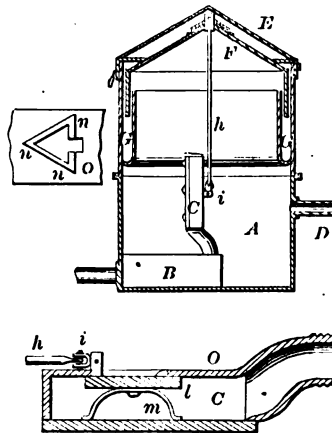
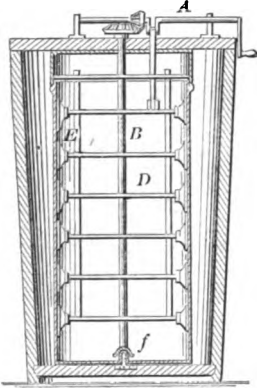


**75207**—N. B. Sherwood—Cotton Seed  
Planter.



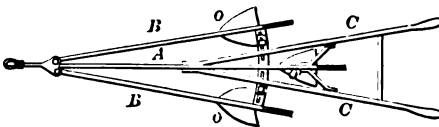
**75208**—A. M. Shurtleff—For Atomizing  
Liquids.

**75209**—F. G. Siemens—Scraper for  
Ice Cream Freezers.

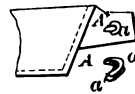


**75210**—W. A. Simonds—Gas Regulator.

**75211**—D. S. Slater—Cultivator.



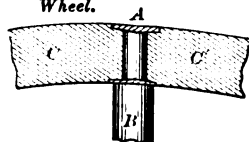
**75212**—B. M. Smith—Button Hole  
for Paper Articles of Apparel.



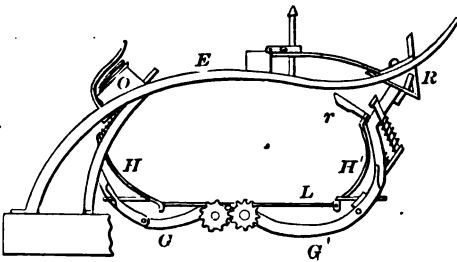
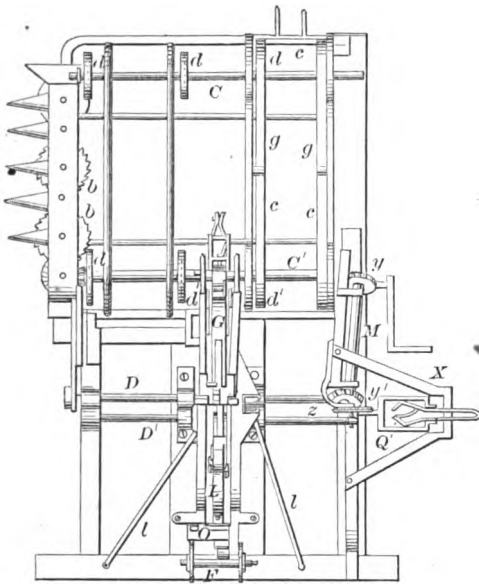
**75214**—G. B. St. John—Watch Key.



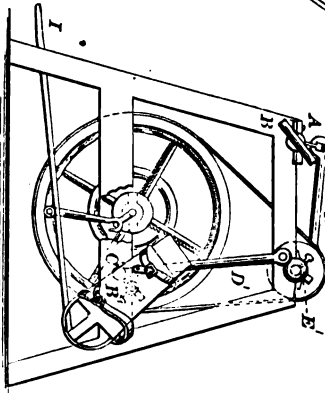
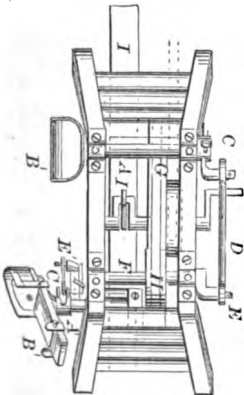
**75213**—J. C. Sparks—Carriage  
Wheel.



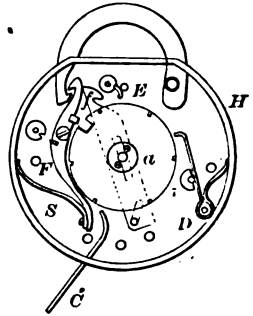
**75215—A. S. Stone—*Grain Binder.***



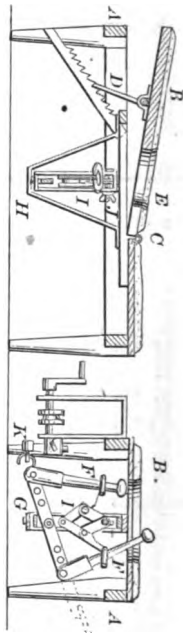
75218—G. H. Taylor—*Apparatus for Exercise.*



**75216—E. E. Stubbs—*Padlock*.**



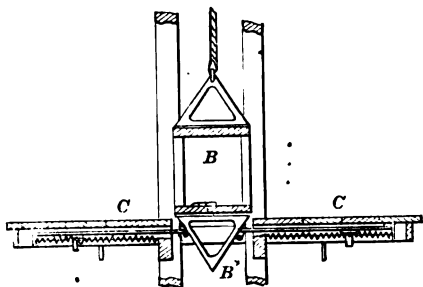
**75217—G. H. Taylor—Apparatus for Exercise.**



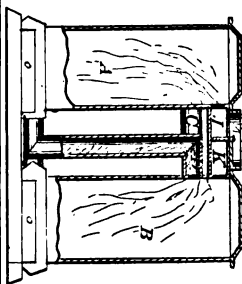
**75219—H. R. Taylor—**  
*Gear Cutting Tool.*



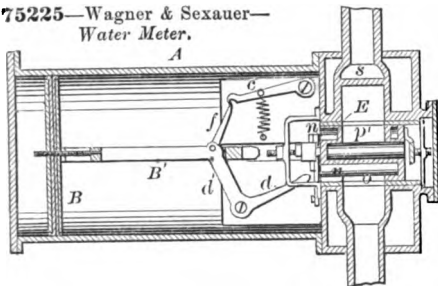
75220—D. B. Thompson—Elevator for Buildings.



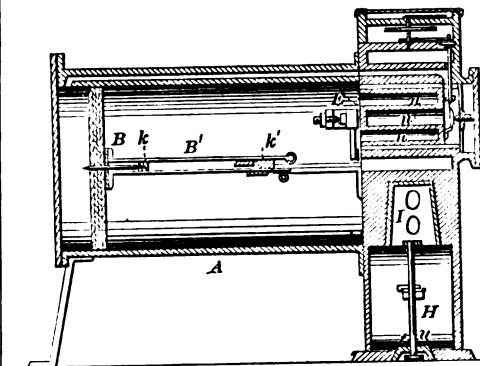
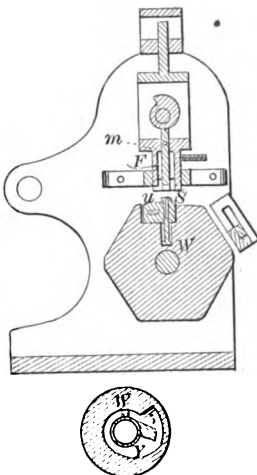
75223—H. B. Von Voorhis—  
Coal Stove.



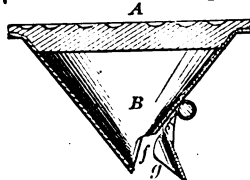
75225—Wagner & Sexauer—  
Water Meter.



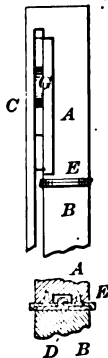
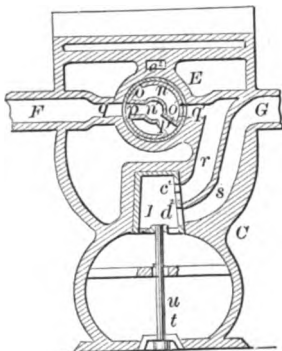
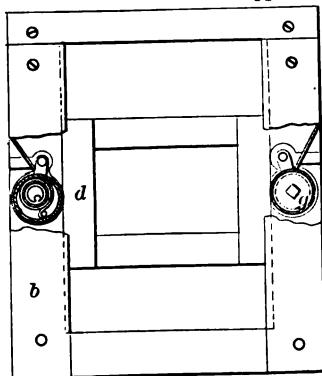
75221—H. Thompson—For Heading Bolts.



75222—J. C. Tunison—Spittoon.



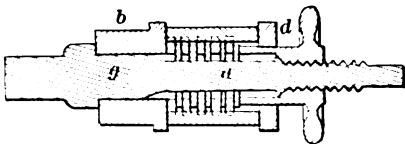
75226—P. Wenzel—Sash Supporter.



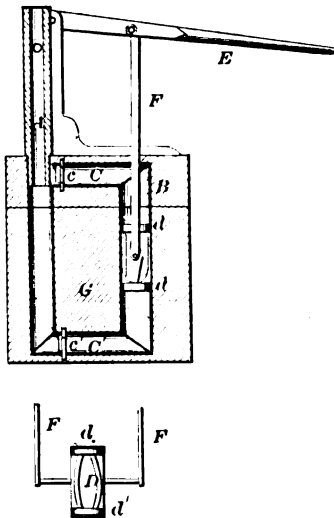
75224—W. F. Veber—Gate Post.



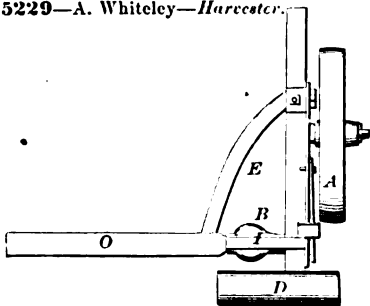
**75227—T. A. Weston—Coupling and Brake.**



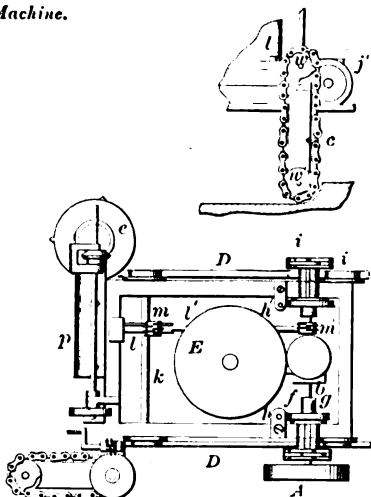
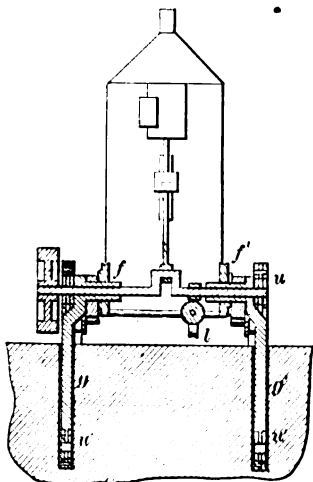
**75228—P. B. & H. M. C. White—*Pump.***



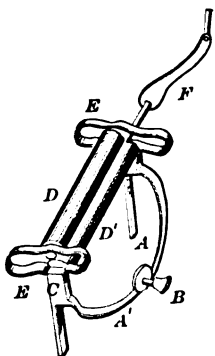
**75229—A. Whiteley—Harvester.**



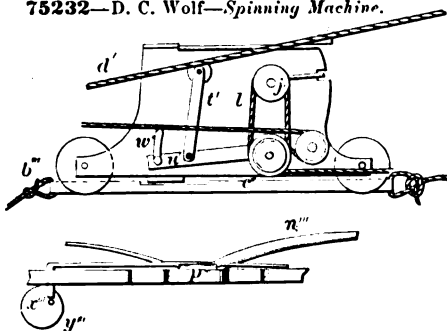
**75230—W. Wickersham—Marble Cutting Machine.**



75231—G. L. Witsil—Clothes Wringer.

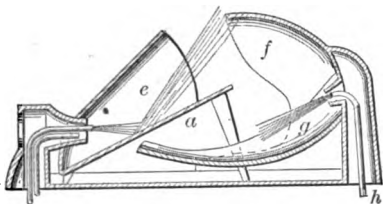


**75232—D. C. Wolf—*Spinning Machine.***

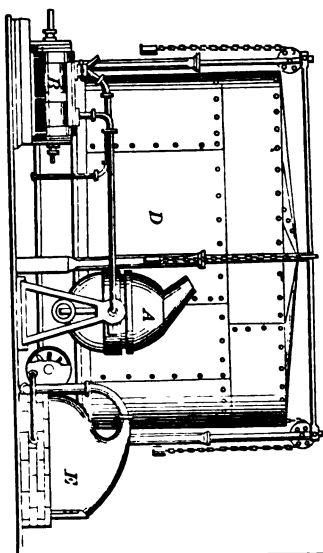
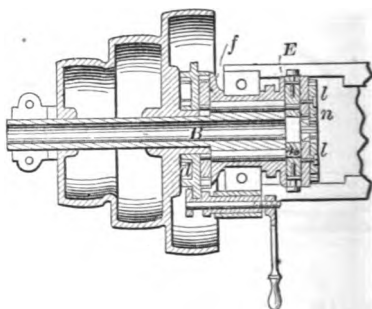
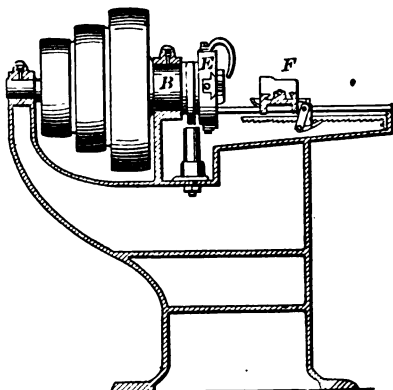




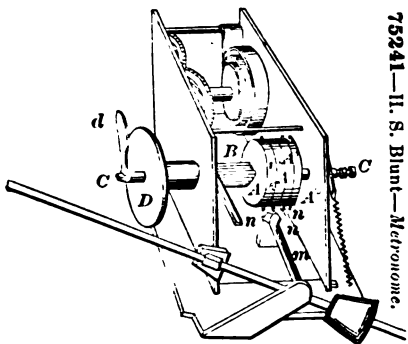
**75238**—H. Baldwin—*For Burning Crude Petroleum.*



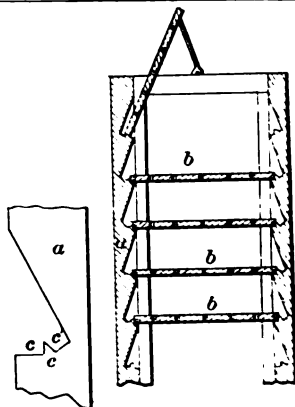
**75239**—W. B. Bement—*Bolt Threading Machine.*



**75240**—J. F. Bennett—*Purifying Iron and Steel.*

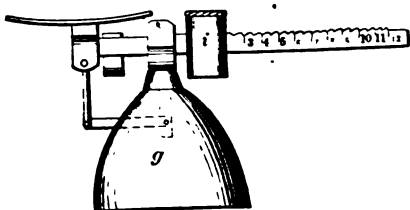


**75241**—H. S. Blunt—*Metronome.*

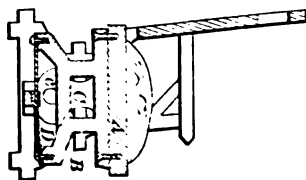


**75243**—J. K. Caldwell—*Brick Carrying Car.*

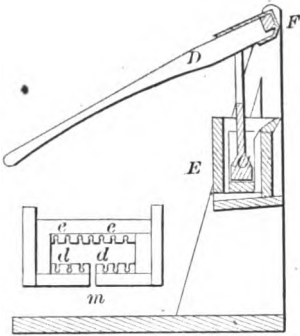
**75244**—B. Chambers, Jr.—*Letter Balance.*



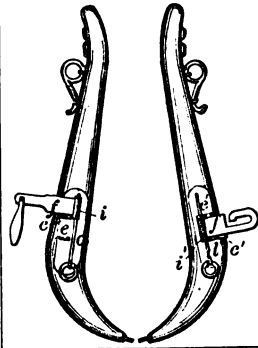
**75246**—C. W. Conant—*Rocking Chair.*



75247—Covey & Duffy—Mop Press.



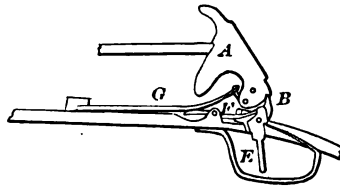
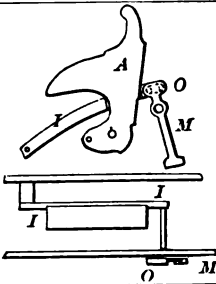
75250—B Crawford—Hames.



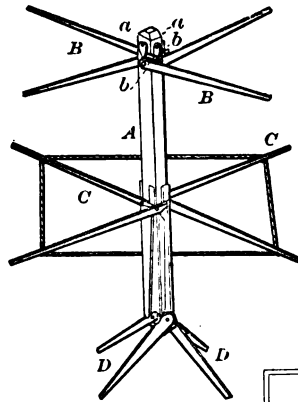
75249—J. D. Cramer—For Raising and Lowering Window Sash.



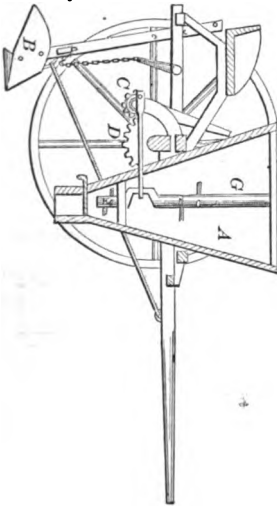
75248—J. F. & W. N. Crabtree—Gun Lock.



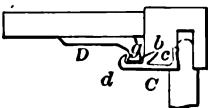
75251—H. Du Bois—Clothes Dryer.



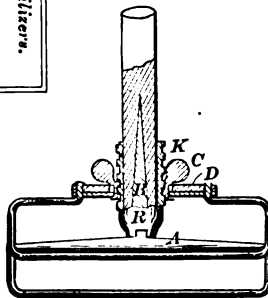
75252—J. S. Edwards—For Distributing Fertilizers.



75254—B. Essig—Bedstead Fastening.

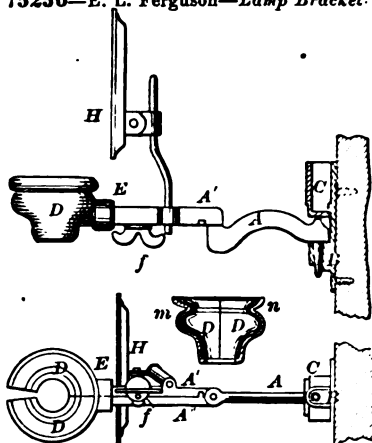
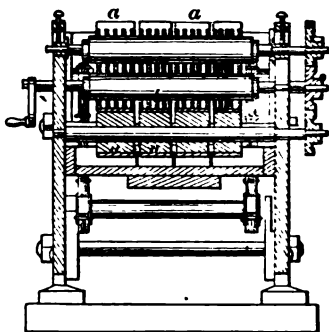
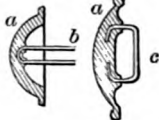
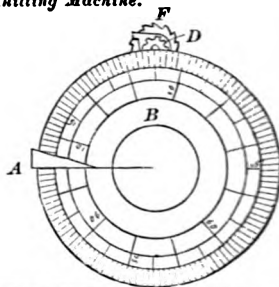
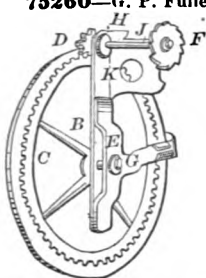
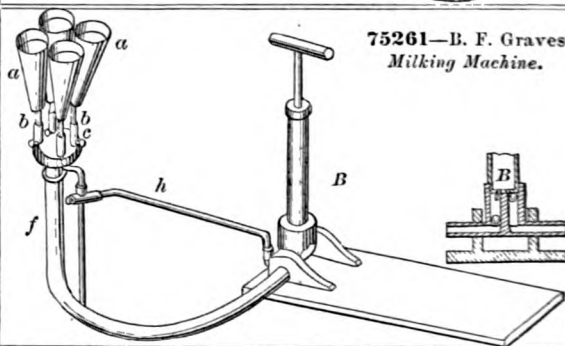
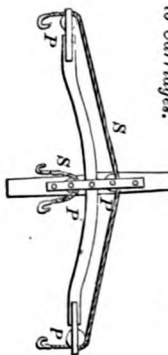
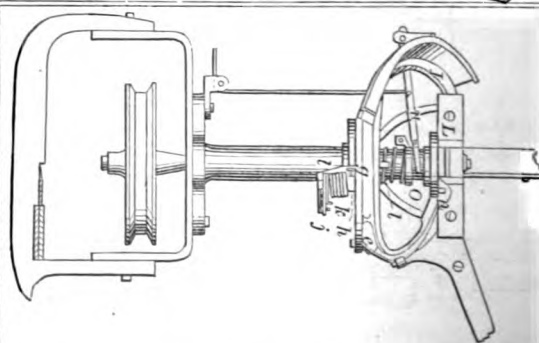


75253—R. W. English—Mop Head.

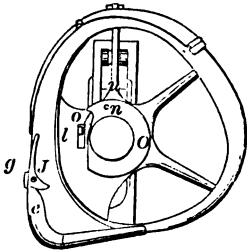


75255—G. Fenton—Hog Knife.

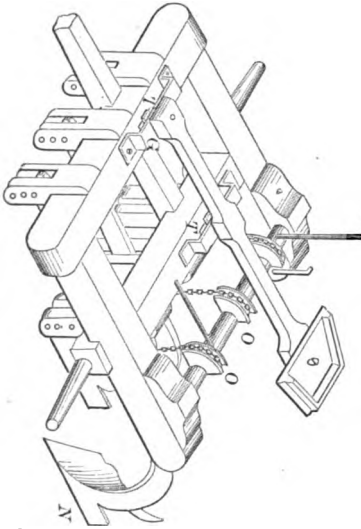
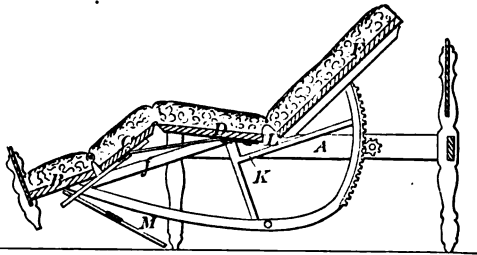


75256—E. L. Ferguson—*Lamp Bracket.*75259—J. Forrest—*For Printing Yarn.*75257—M. A. Fisk—*Harness Trimming.*75260—G. P. Fuller—*Knitting Machine.*75258—M. L. Forbes—*Plating Spoons, etc.*75261—B. F. Graves—*Milking Machine.*75262—Hale & Phleger—*Attaching Animals to Carriages.*75263—T. Harding—*Harrower Rule.*

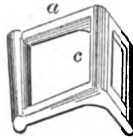
75263—Continued.



75265—W. Heath—Invalid Bedstead.



75268—C. Hess—Gang Plow.

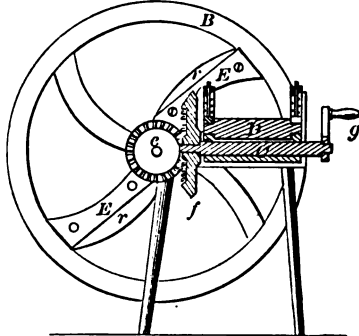


75267—J. W. Hedenburg—Cotton Bale Tie.

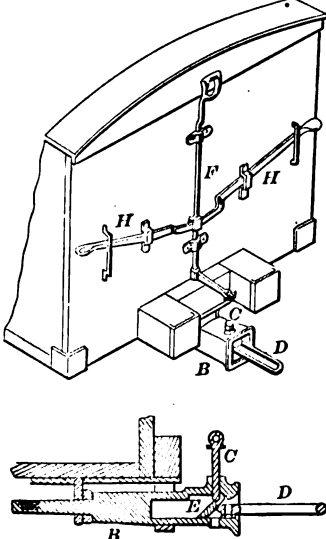


75266—E. Heaton—Shank Spring.

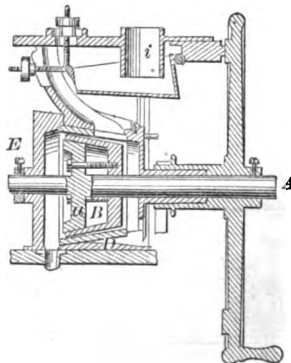
75269—L. B. Hoyt—Straw Cutter.



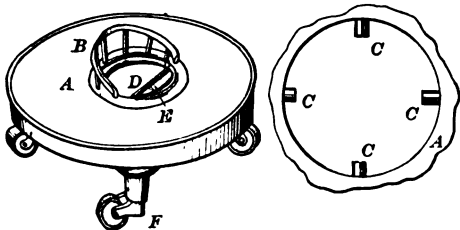
75270—W. H. Hoover—Car Coupling.



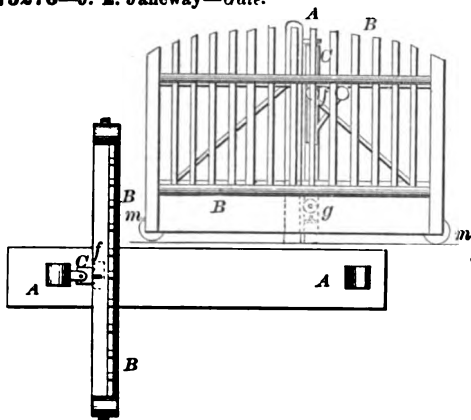
75273—Hubbard & Smith—Grinding Mill.



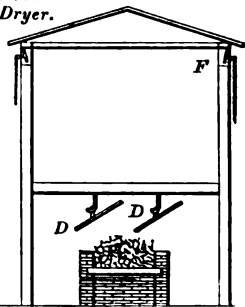
75274—P. H. Hurd—Baby Creeper or Walker.



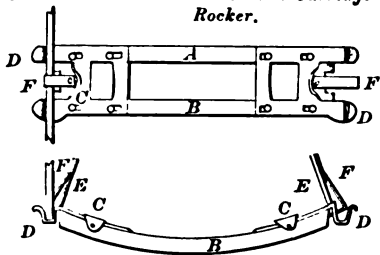
75276—J. L. Janeway—Gate.



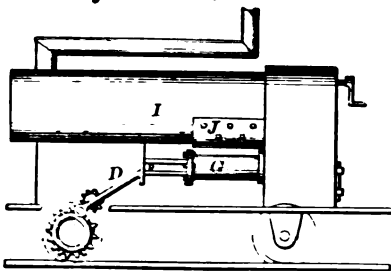
75277—J. B. Johnson—Grain Dryer.



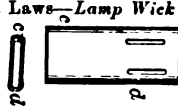
75278—A. D. Juchon—Child's Carriage Rocker.



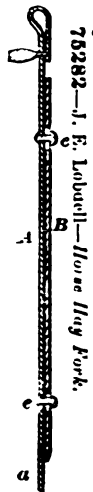
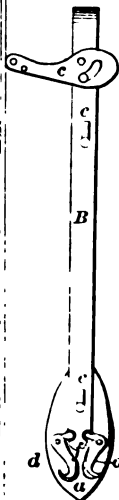
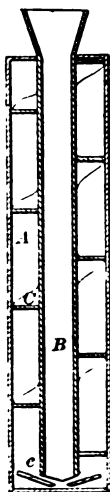
75280—S. L. Langdon—Locomotive Engine.



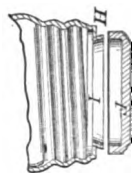
75281—A. D. Laws—Lamp Wick Tube.



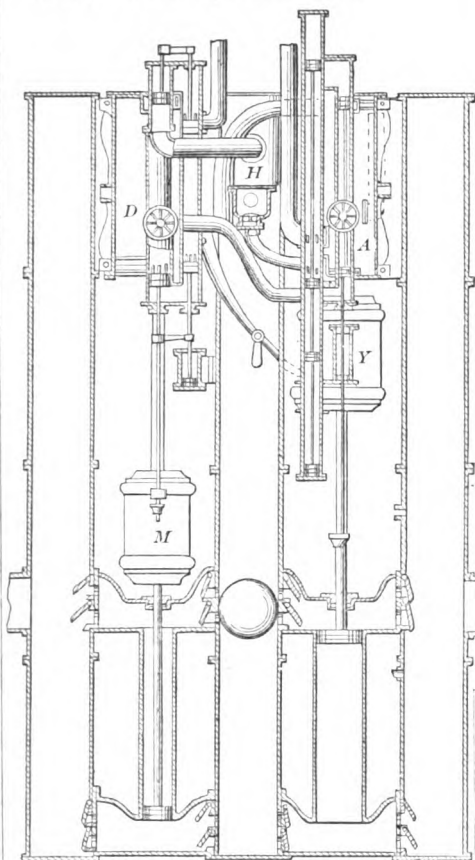
75279—P. M. Kafer—Steam Generator Tube.



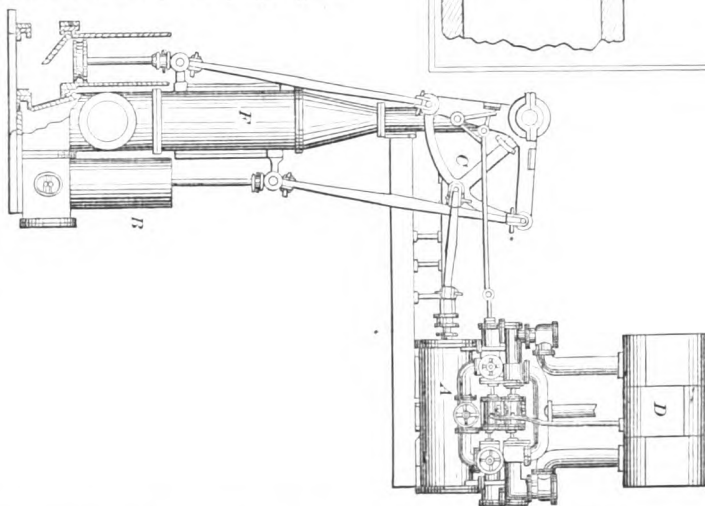
75275—W. L. Imley—Closing Fruit Jar.



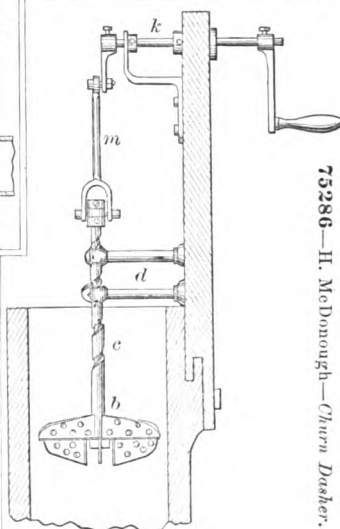
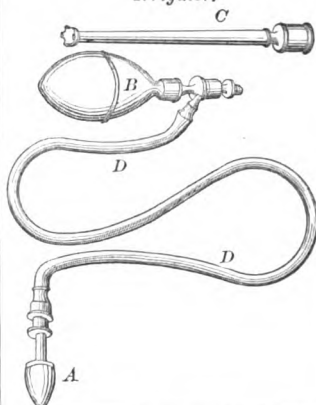
75283—J. L. Lowry—*Steam Engine.*



75284—J. L. Lowry—*Pumping Engine.*



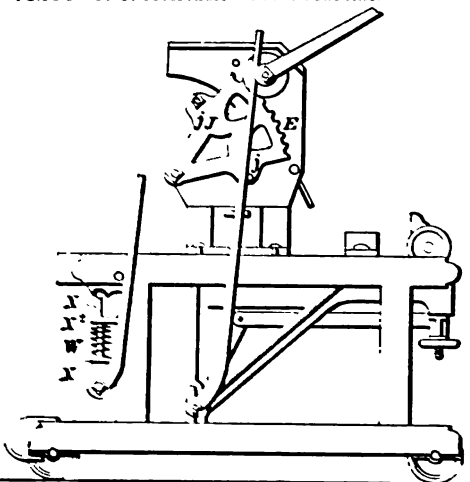
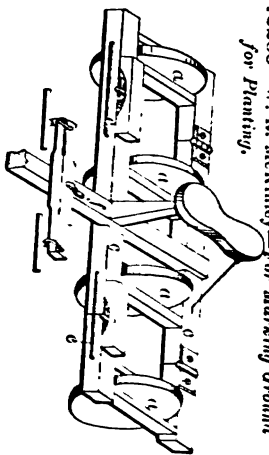
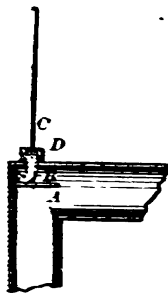
75285—M. Mattson—*Nasal Irrigator.*



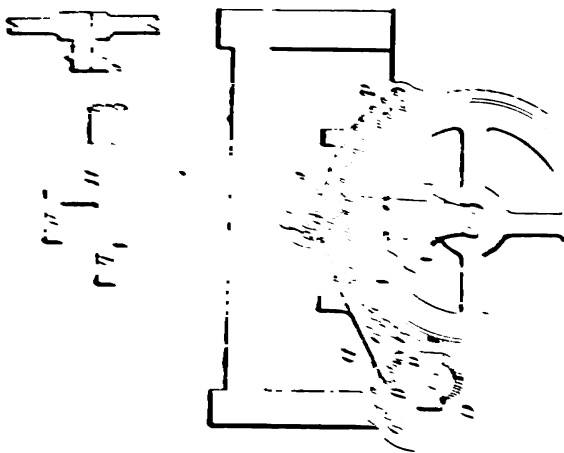
75286—H. McDonough—*Churn Dasher.*



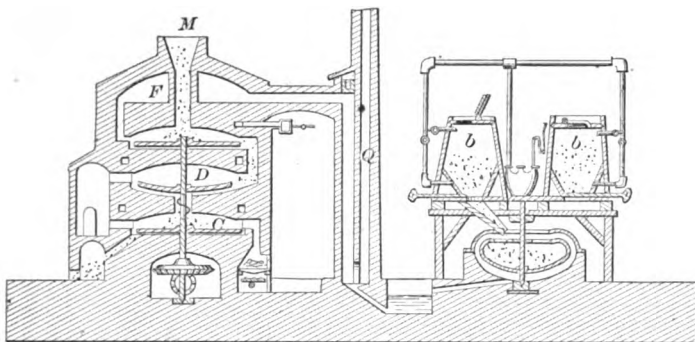
73287—J. C. McKenzie—Brick Machine.

73288—W. H. McKinney—For Marking Ground  
for Planting.73291—J. W. Mortimer—Stone  
Pipe Cleaner.73292—J. McKinnon—Electric  
Fork.

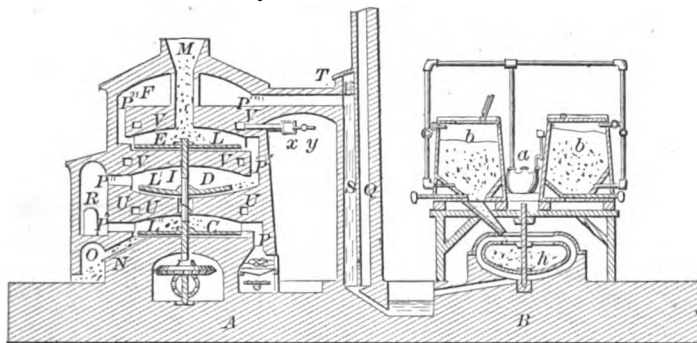
73290—L. Montan—Block for Guarding Engines.



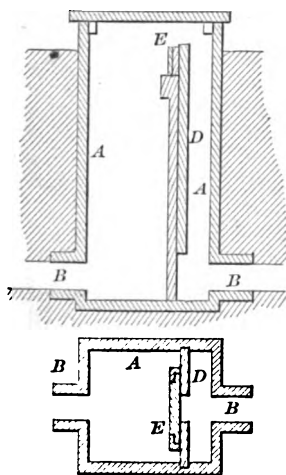
**75293**—A. Ott—*Extracting Precious Metals from Ores.*



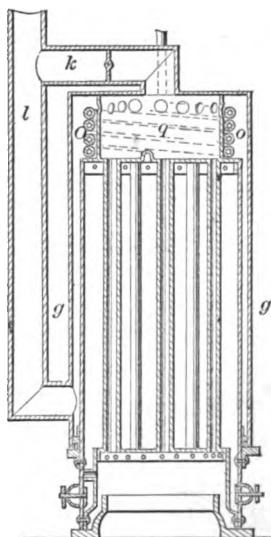
**75294**—A. Ott—*For Extracting Precious Metals.*



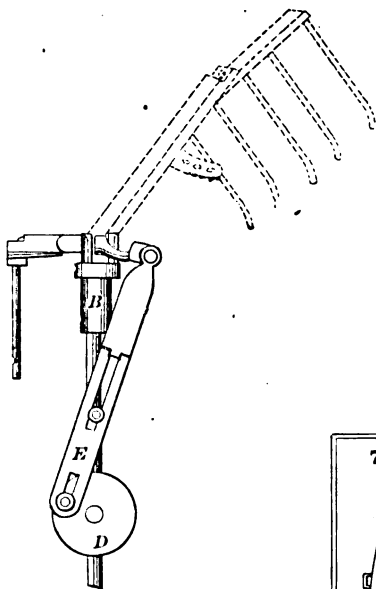
**75295**—D. A. Parks—*Penstock for Underground Drains.*



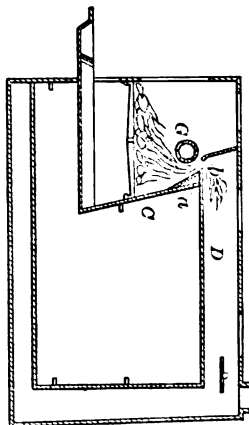
**75296**—P. Quinn—*Steam Generator.*



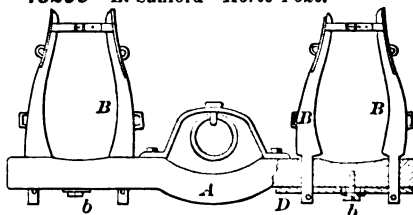
75297—O. Redmond—Harvester Rake.



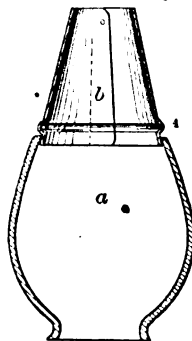
75300—G. Schreyer—Furnace.



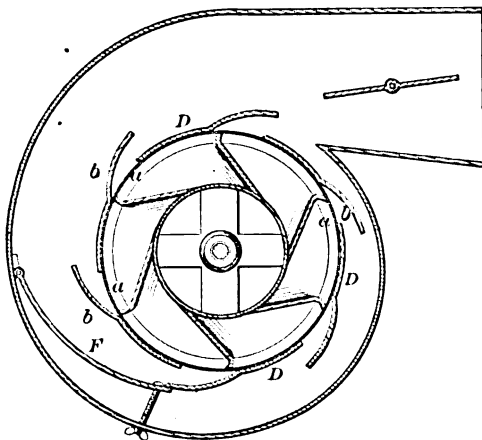
75299—E. Sanford—Horse Yoke.



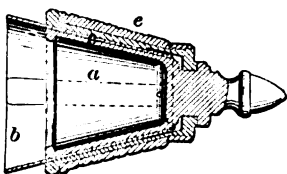
75302—F. I. Seymour—Lamp Chimney.



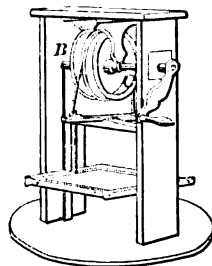
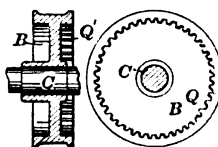
75298—T. Rose—Scroll for Water Wheels.



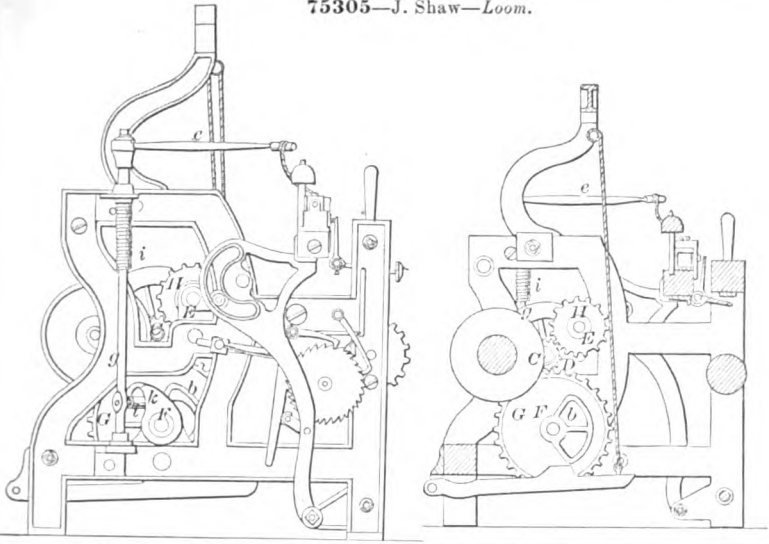
75303—F. I. Seymour—Clamp for Forming Sheet Metal Cones.



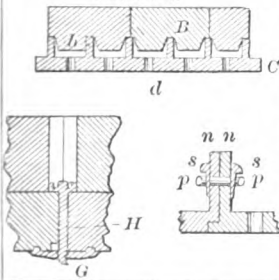
75304—H. F. Shaw—Differential Gear Power Machine.



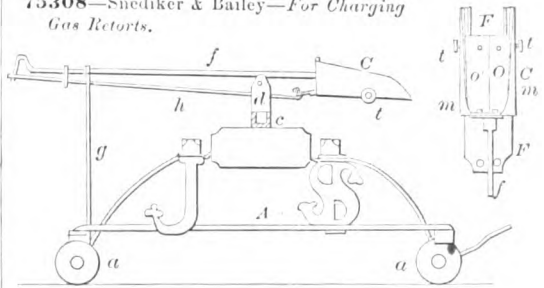
75305—J. Shaw—Loom.



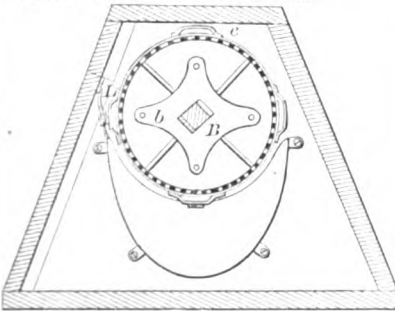
75309—C. W. Stafford—*Pavement.*



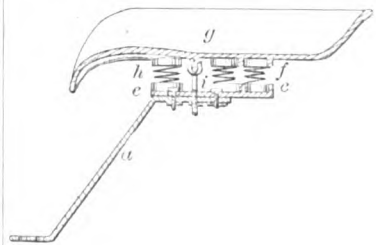
75308—Snediker & Bailey—*For Charging Gas Retorts.*



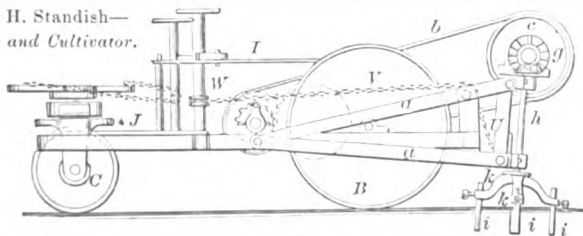
75307—S. A. Smith—*Flour Bolt.*



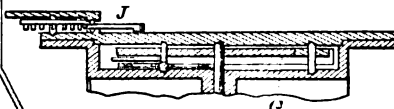
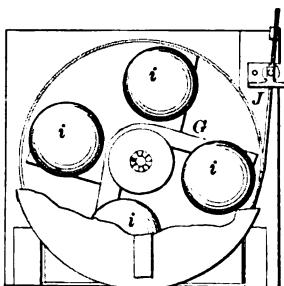
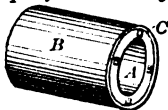
75306—E. A. Smith—*Harvester Scat.*



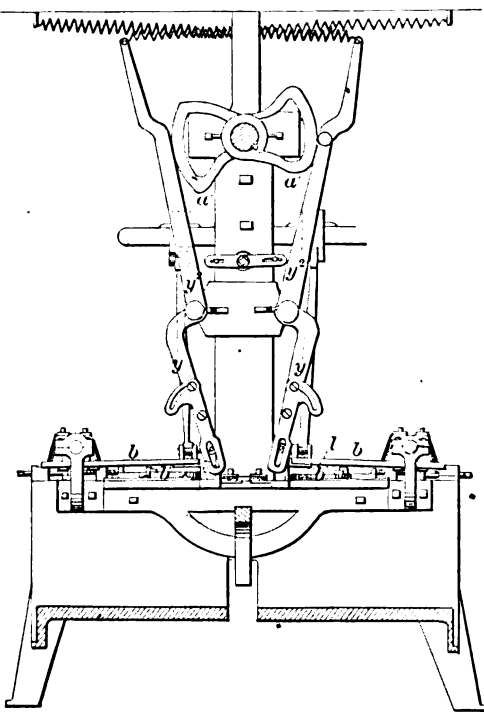
75310—P. H. Standish—*Steam Plow and Cultivator.*



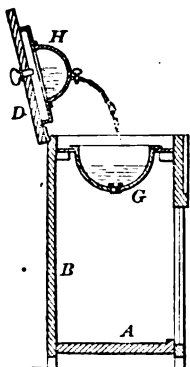
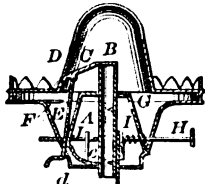
75313—C. Stein—Fluid Meter.

75315—R. H. Smith—  
For Preventing Water  
Pipes from Bursting.75319—  
W. Trowbridge—  
Cotton Bale Tie.

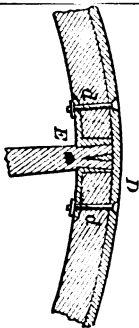
75320—Van Gieson &amp; Crooke—For Making Butt Hinges.



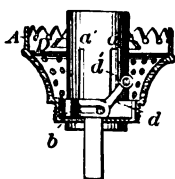
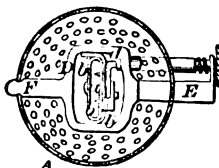
75311—A. Stankowitch—Wheel Stand

75317—E. J. Toof—  
Lamp Extinguisher.

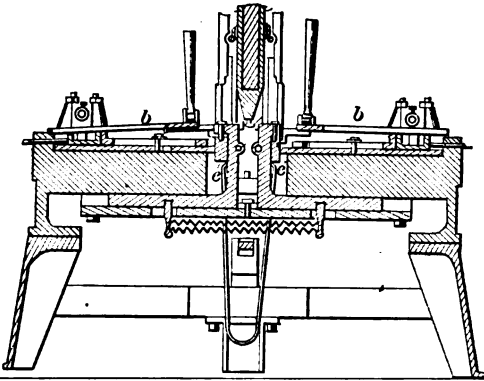
75314—J. Switzer—Carriage Wheel.



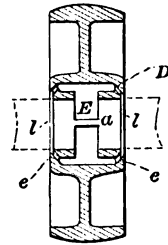
75318—E. J. Toof—Wick Regulator.



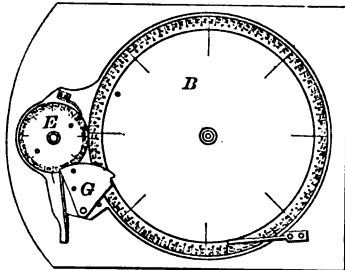
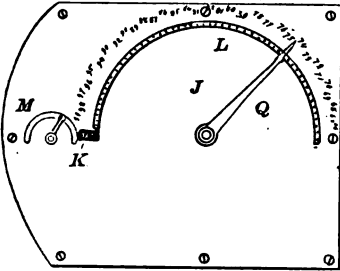
75320—Continued.



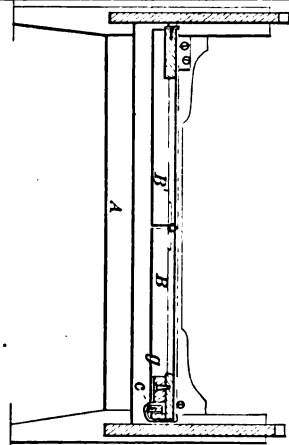
75323—D. M. Weston—Self-Oiling Hub for Pulleys, &c.



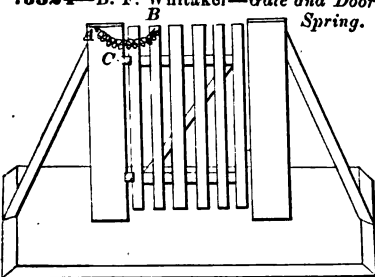
75322—C. H. Webb—Adding Machine



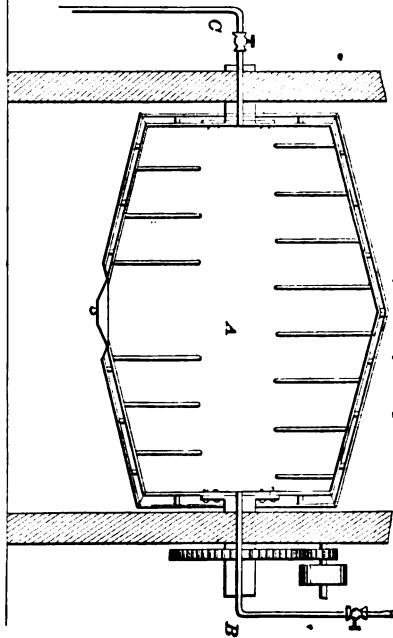
75321—H. B. Walbridge—Bed Bottom.



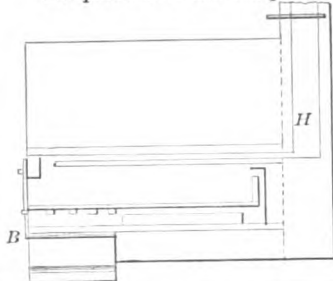
75324—B. F. Whitaker—Gate and Door Spring.



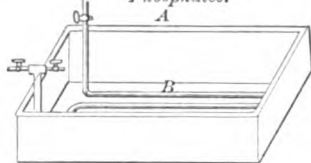
75325—G. F. Wilson—Manufacture of Phosphatic Fertilizers.



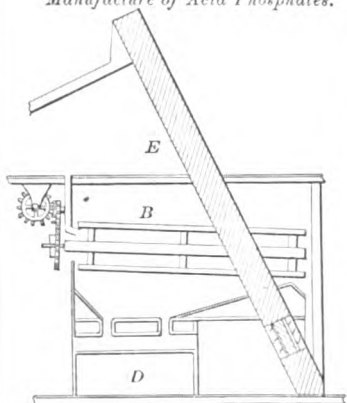
**75326**—G. F. Wilson—*Manufacture of Phosphatic Acid and Phosphates.*



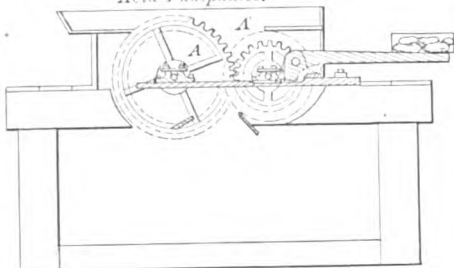
**75327**—G. F. Wilson—*Manufacture of Acid Phosphates.*



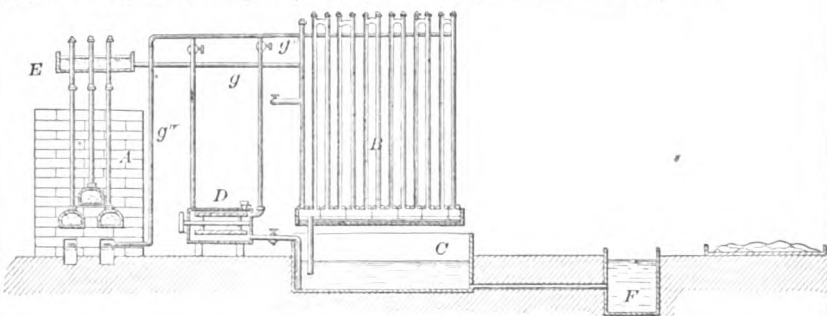
**75331**—G. F. Wilson—*For the Manufacture of Acid Phosphates.*



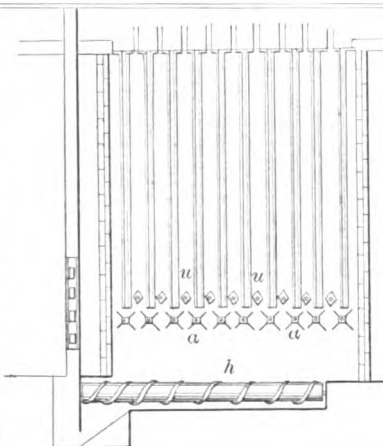
**75328**—G. F. Wilson—*Manufacture of Acid Phosphates.*



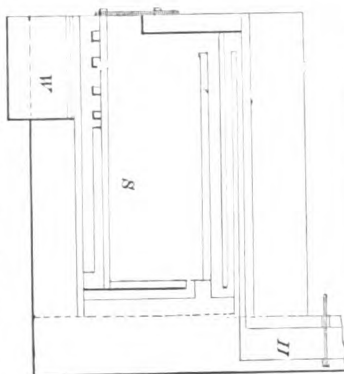
**75329**—G. F. Wilson—*Preparing Bones for the Manufacture of Acid Phosphates.*



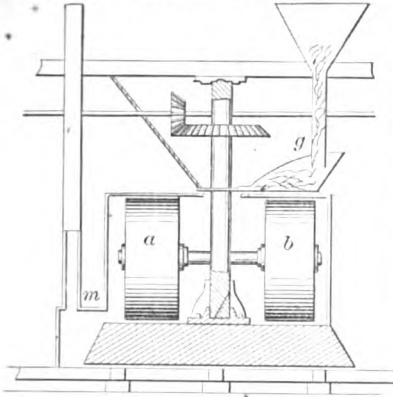
**75330**—G. F. Wilson—*Drying Acid Phosphates.*



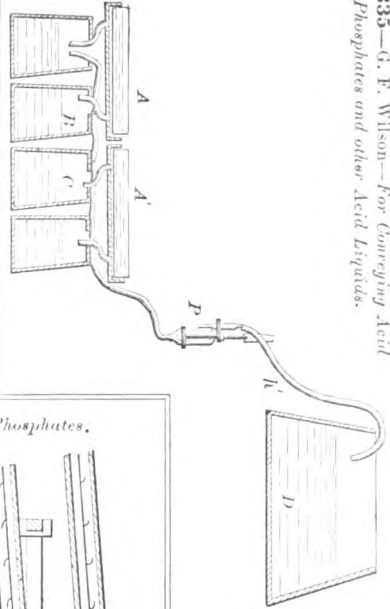
**75332**—G. F. Wilson—*For the Manufacture of Acid Phosphates.*



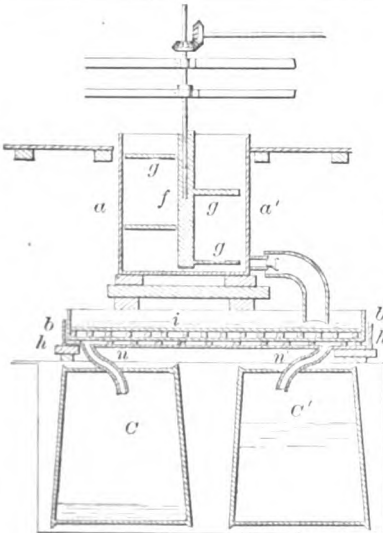
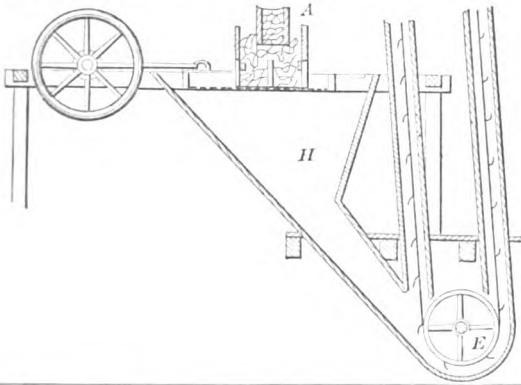
**75333**—G. F. Wilson—*Grinding and Pulverizing Acid Phosphates.*



**75335**—G. F. Wilson—*For Conveying Acid Phosphates and other Acid Liquids.*

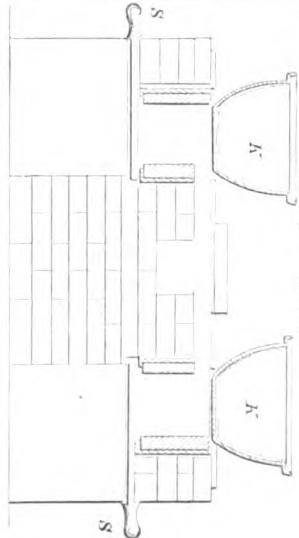


**75334**—G. F. Wilson—*Granulating Acid Phosphates.*

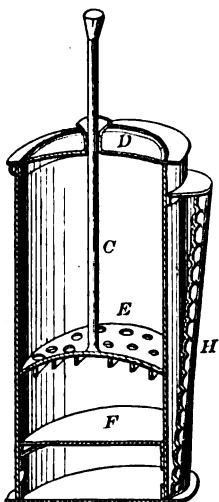


**75336**—Wilson & Horsford—*Manufacture of Phosphates and Extracting Phosphoric Acid from Bones.*

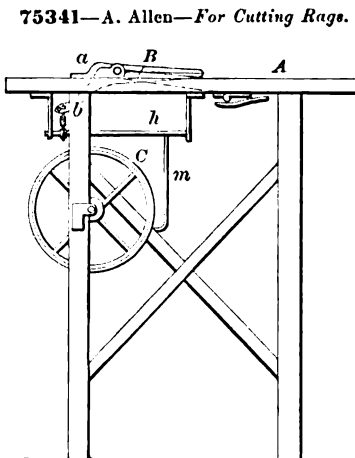
**75339**—Wilson & Horsford—*For Concentrating Acid Phosphate of Lime.*





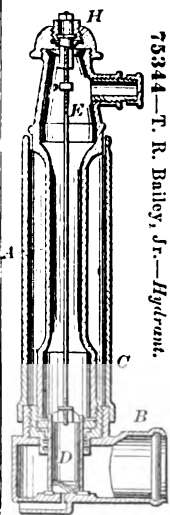
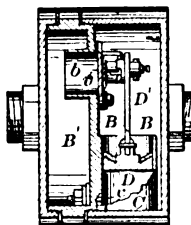
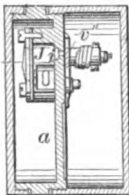
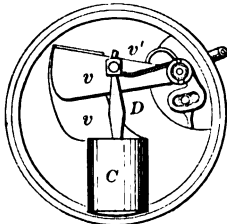


75340—S. C. Wilson—Egg Beaters.

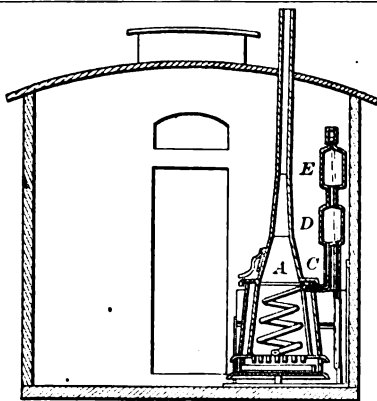


75341—A. Allen—For Cutting Rags.

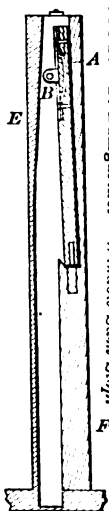
75342—L. Allen—Fluid Meter.



75344—T. R. Bailey, Jr.—Hydrant.

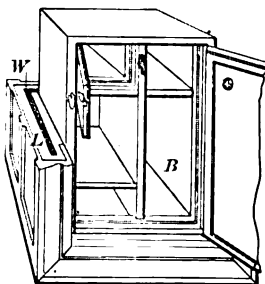


75345—W. C. Baker—Railroad Car Heater.

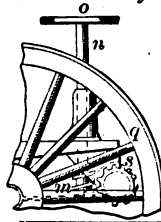
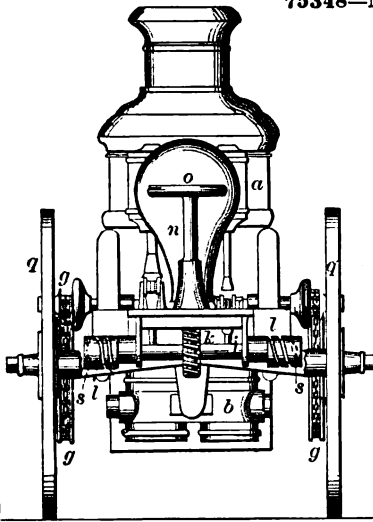


75347—F. Bungartner—Window Sash Stop.

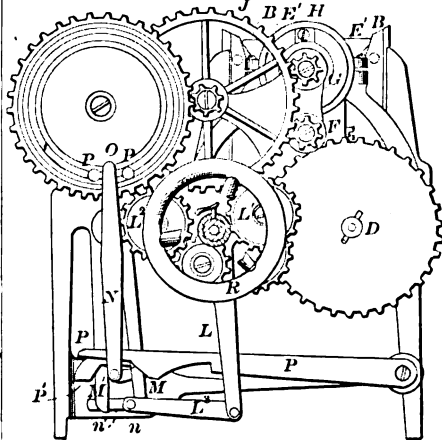
75346—R. A. Ballou—Fireproof Safe.

75343—E. A. & A. C. Appgar—  
Map and Chart Holder.

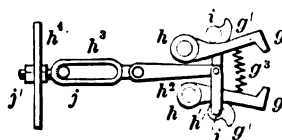
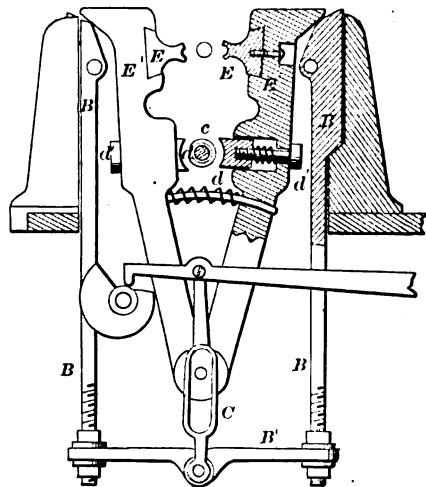
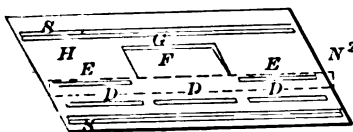
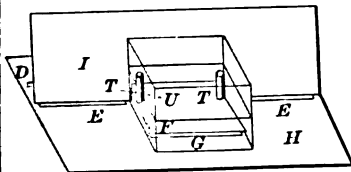
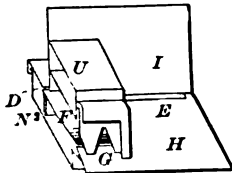
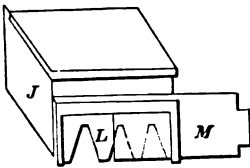
75348—N. S. Bean—Self-Propelling Engine.



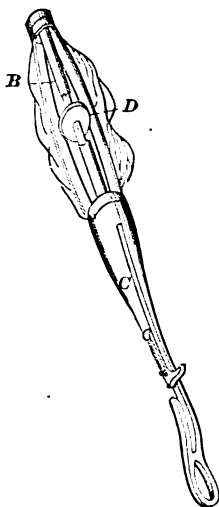
75350—J. A. Bidwell—For Threading Screws.



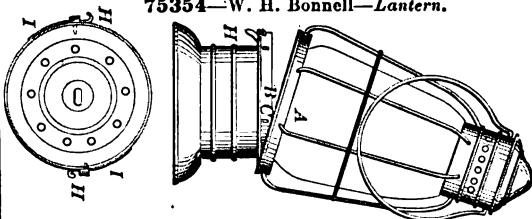
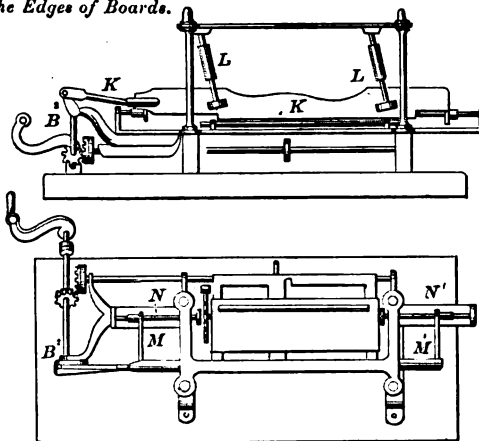
75349—E. Beard—Beehive Portal.



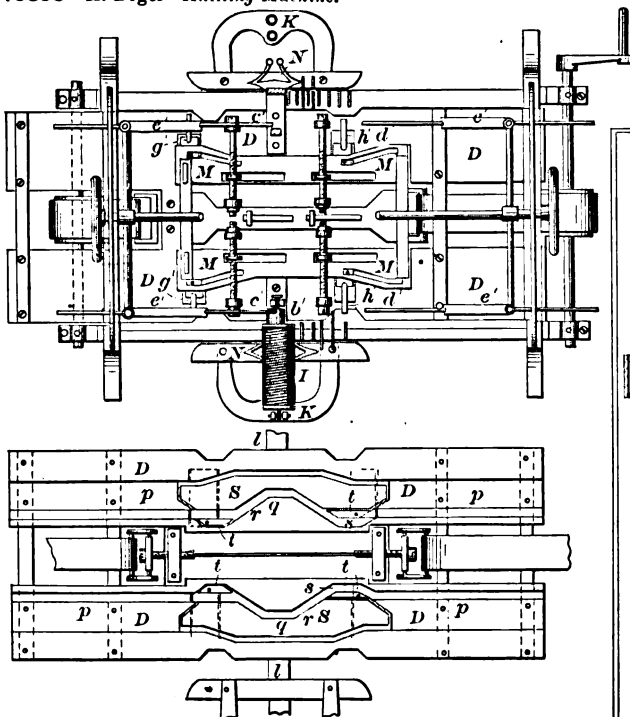
**75351**—J. S. Black—*Lamp Chimney Cleaner.*



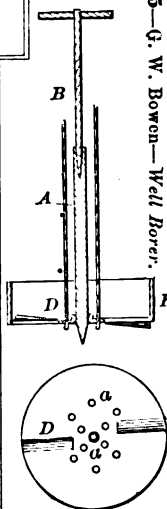
**75352**—Blinn, Alvord & Brewer—*For Cutting Hoops from the Edges of Boards.*



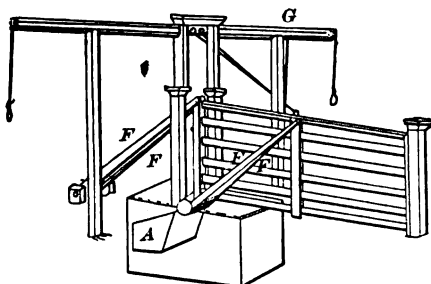
**75353**—H. Bogel—*Knitting Machine.*



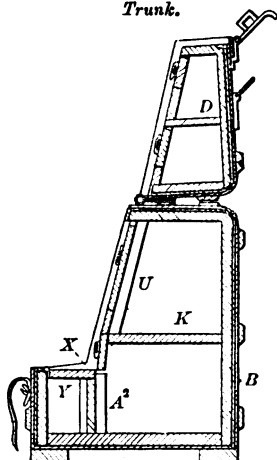
**75355**—G. W. Bowen—*Well Borer.*



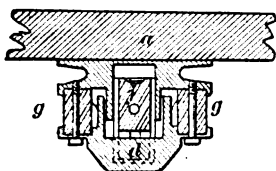
75356—J. Bowers—Gate.



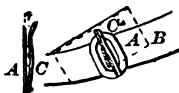
75358—J. H. Burnett, Jr.—Trunk.



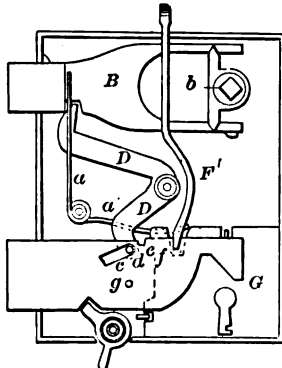
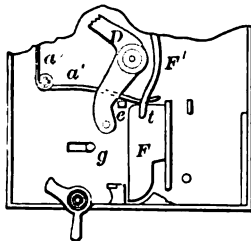
75357—A. Bridges—Car Truck.



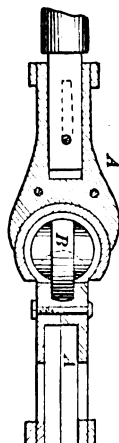
75359—J. N. Burton—Hat Buckle.



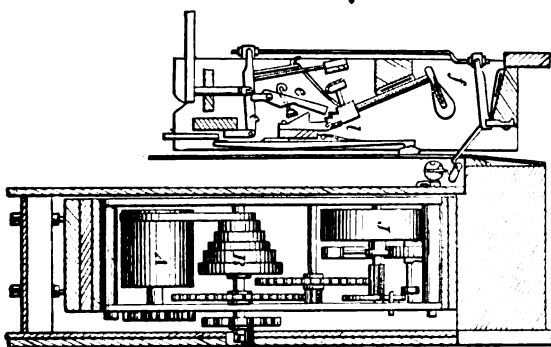
75360—H. W. Busse—Knob Latch and Door Lock.



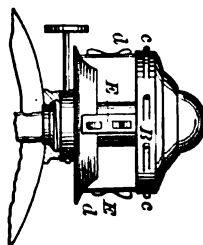
75361—Butts & Stone—Universal Joint.

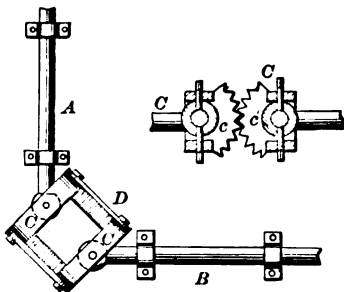
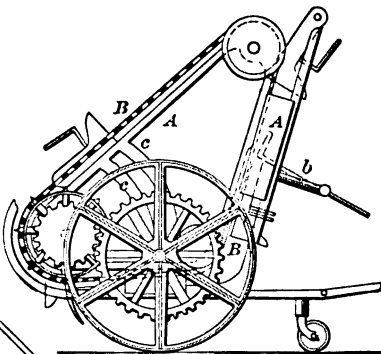
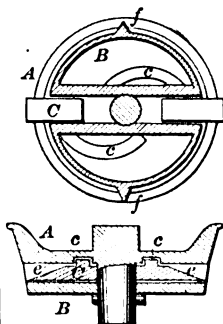
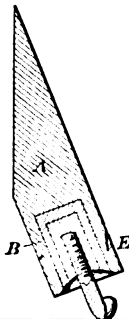


75362—Caldera & Montu—Piano Forte.

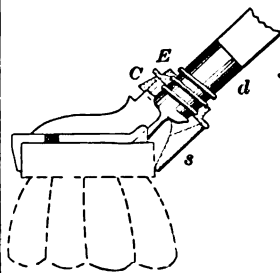
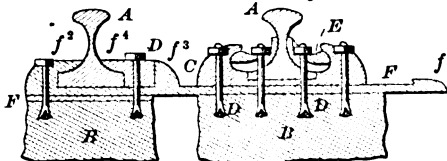
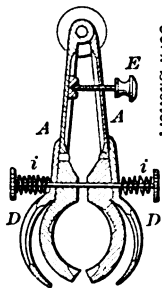
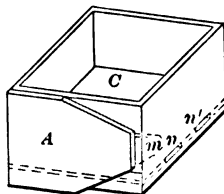
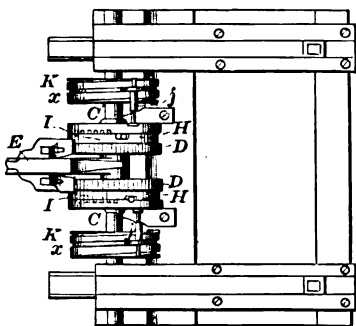
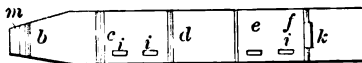
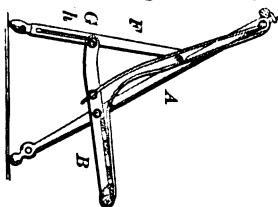


75363—G. J. Capewell—Lamp Burner.

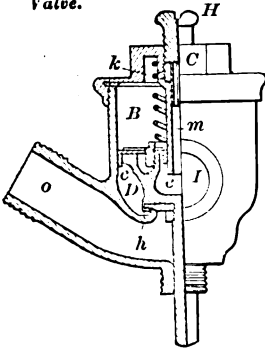


75364—J. M. Case—*Angular Shaft Coupling.*75366—S. B. Castle—*Elevator.*75365—A. A. Castle—*Insulator.*

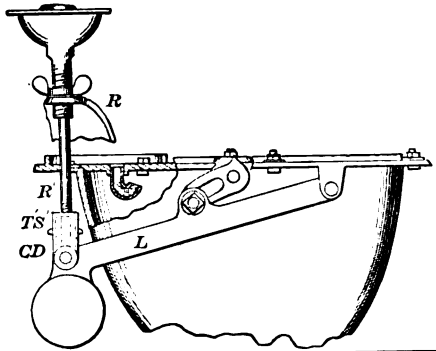
75367—Chappell &amp; Pettibung.

75369—C. B. Clark—*Clamp for Scrub Brushes.*75370—D. N. Clark—*Railway Chair and Fastening.*75368—C. Christian—*Hand Corn Shelter.*75371—T. L. Clark—*Head Block.*75372—C. Cally—*Fruit Box Lock.*75373—C. O. Collignon—*Cottage Chair.*

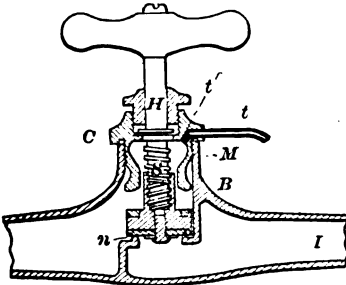
75374—W. S. Cooper—Water Closet Valve.



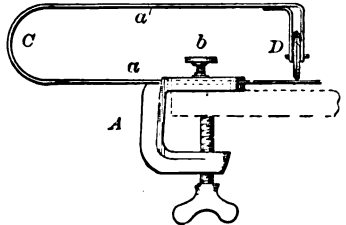
75375—W. S. Cooper—Water Closet.



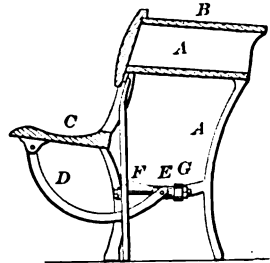
75370—W. S. Cooper—Valve Cock.



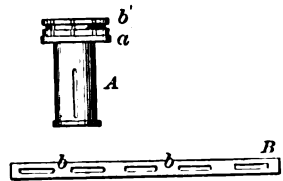
75378—W. J. Crane—Cloth Creuser.



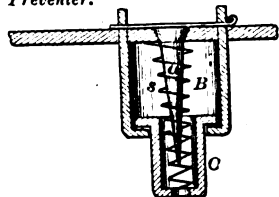
75379—R. Cruikshank—Desk and Seat



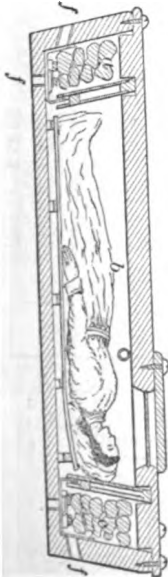
75381—A. G. Davis—Umbrella Runner.



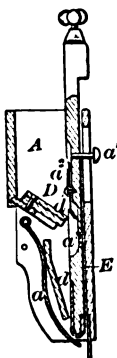
75382—Davis & Cramer—Cribbing Preventer.

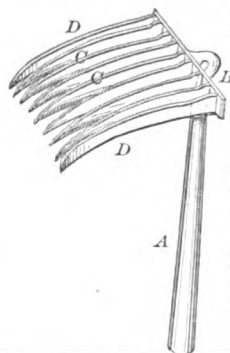
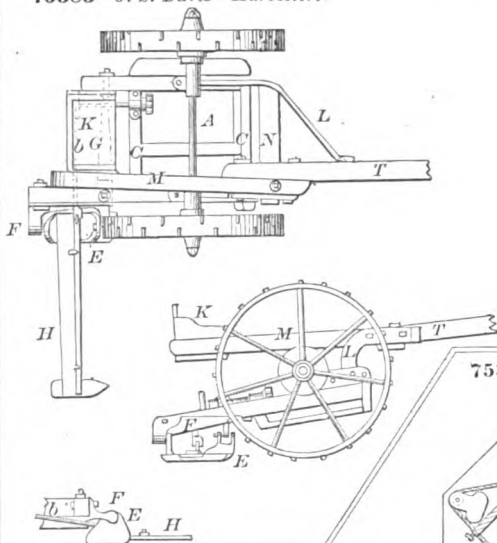
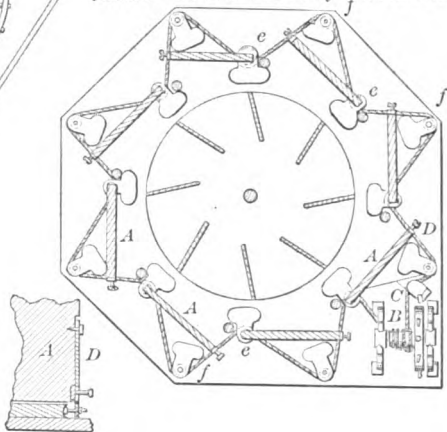
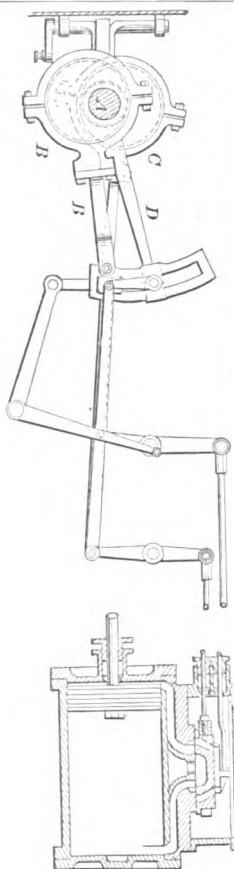
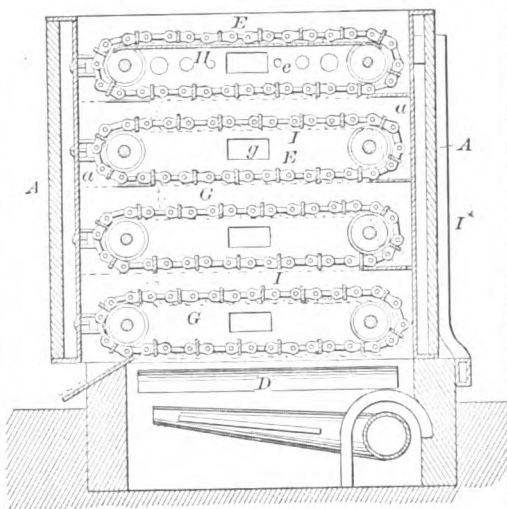


75377—J. S. Cox—Refrigerator Coffin.

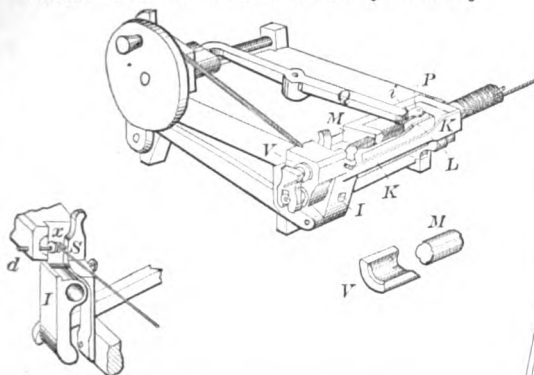


75380—W. Daggett—Corn Planter.

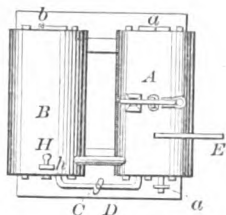


75383—J. S. Davis—*Harvester.*75385—J. Dean—*Hop Picking Tool.*75384—W. C. & P. B. Day—*Wind Mill.*75387—E. N. Dickerson—*Steam Engine Valve Gear.*75386—J. D. Bary—*Grain Dryer.*

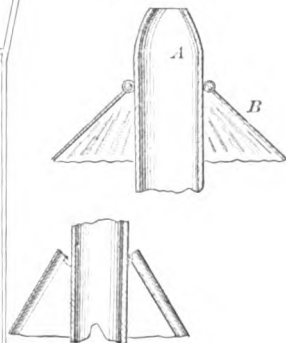
75388—T. A. Dickinson—Card Setting Machinery.



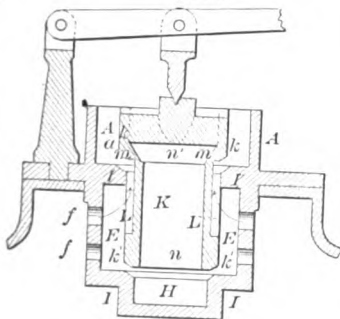
75391—C. Doty—For Tanning in Vacuo.



75390—T. B. Doolittle—Lamp Shade.



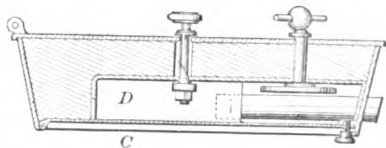
75392—S. B. Dougherty—Safety Valve.



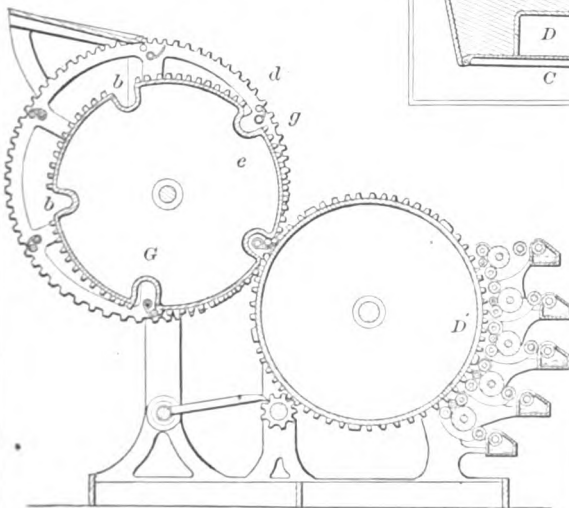
75393—Draper, Sweetland & Draper—Initiating Cluster Jewelry.



75389—W. B. Dodds—Fireproof Safe Door.



75394—A. A. Dunk—Printing Press.

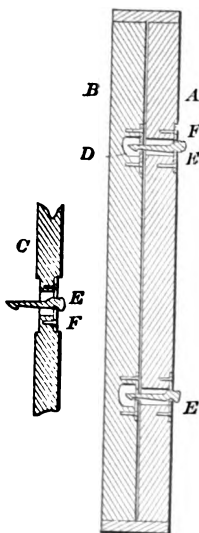


75395—V. A. Dunn—Anvil Cutter.

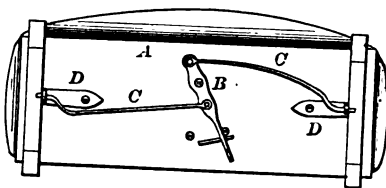




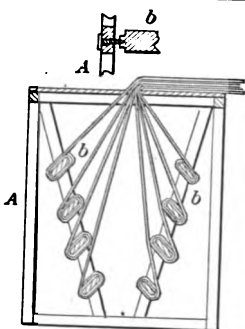
75396—Dyer &amp; McVaugh—Sash Dead Fastener.



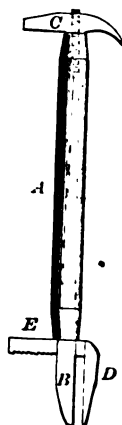
75397—W. A. Eddy—Vehicle Seat.



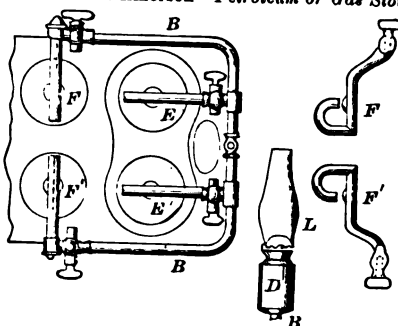
75398—H. Eldridge—Boots and Shoes.



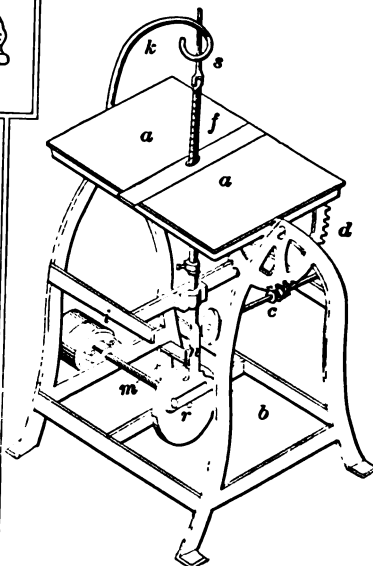
75399—J. J. Ellis—Wrench.



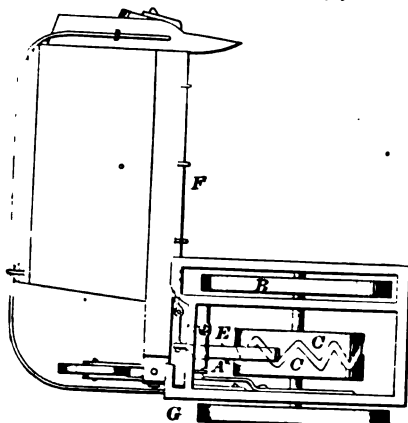
75400—D. L. Emerson—Petroleum or Gas Stove.



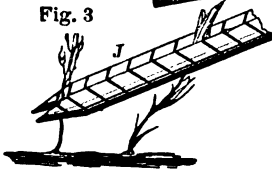
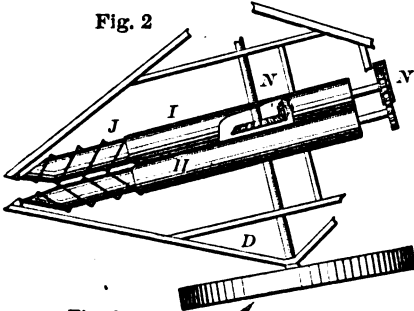
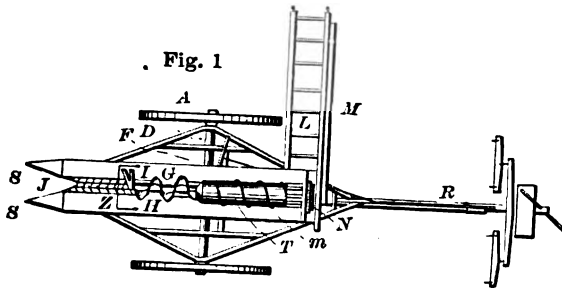
75402—M. Fiedler—Filing Machine.



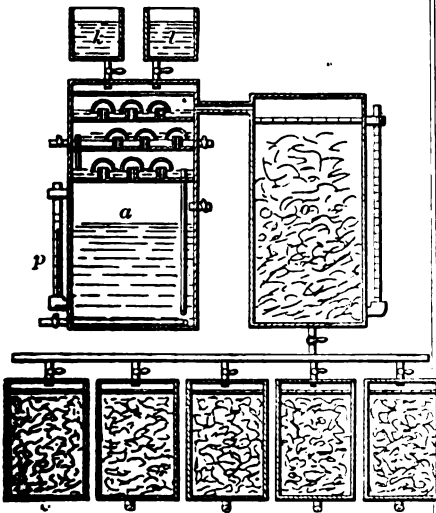
75401—E. W. Fairman—Harvester.



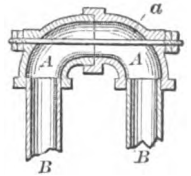
**75403—C. Ford—*Corn Husker.***



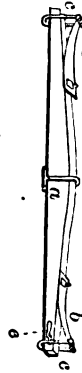
**75404—A. Foubert—*Manufacture of Vinegar.***



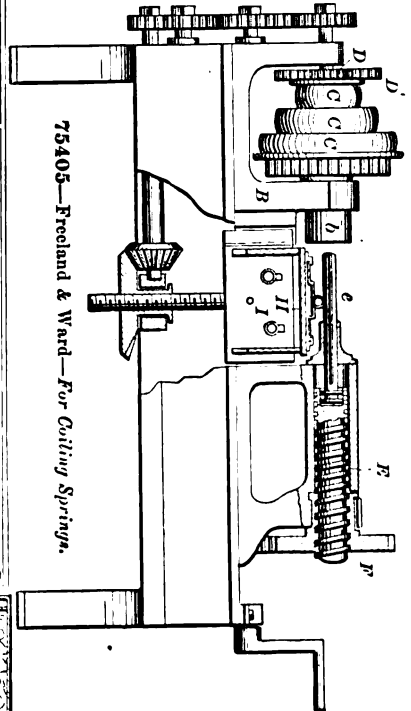
**75407**—Garvin &  
Pettibone—*Pipe Joint.*



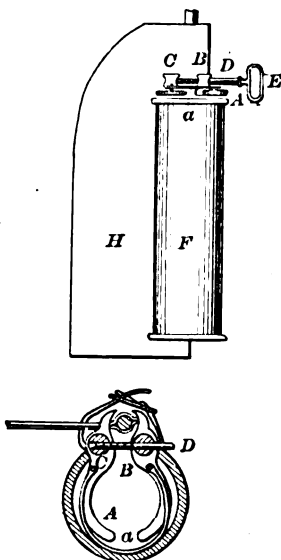
75408—G. & W. Gibbs—Singletree.



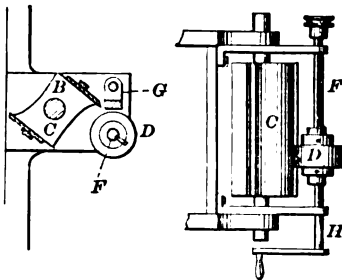
**75405—Freeland & Ward—For Coiling Springs.**



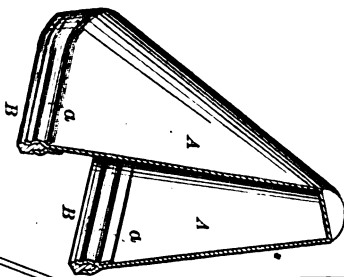
75409—F. M. Gifford—Whip Lock.



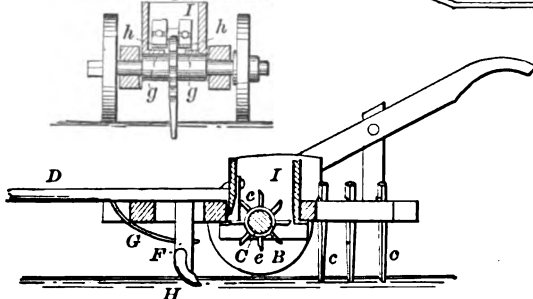
75411—J. Grant—Grinder for Knives for Planters.



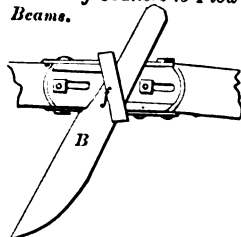
75412—J. G. Hadfield—Surgical Cup.



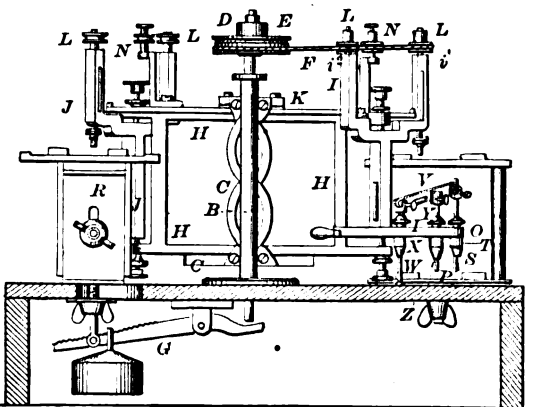
75410—A. J. Going—Cotton Seed Planter.



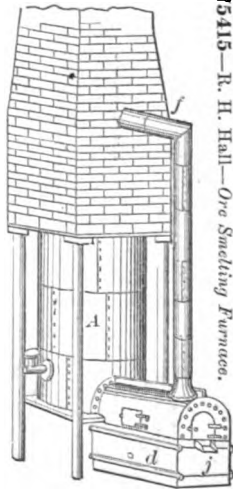
75414—J. H. Hall—Attaching Coulters to Plow Beams.



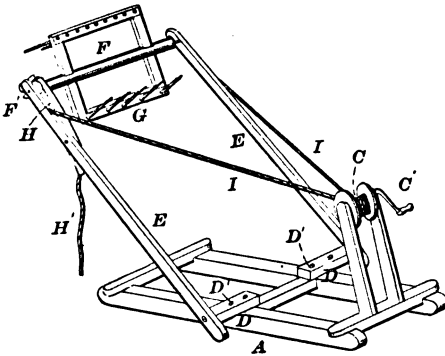
75413—I. Hall—For Carving Wood.



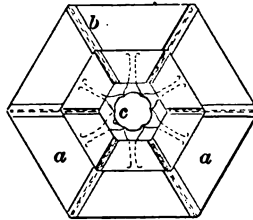
75415—R. H. Hall—Ore Smelting Furnace.



75416—J. Harper—Hay Raker and Loader.



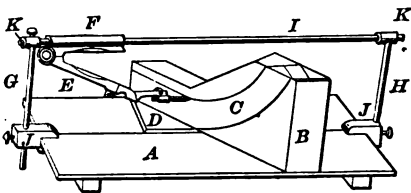
75418—H. M. Hartshorn—Lamp Shade.



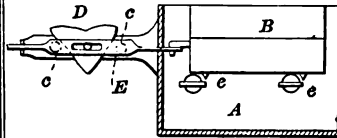
75422—D. K. Hickok—Clothes Pin.



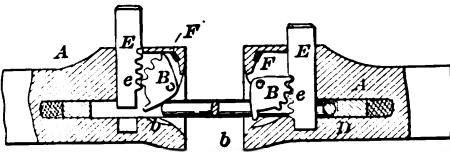
75423—G. Hoover—Trammel for Stair Rails.



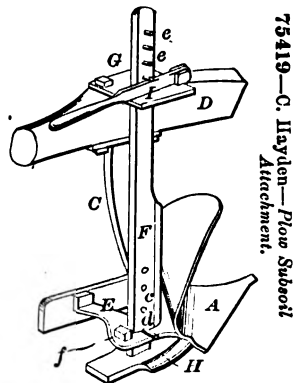
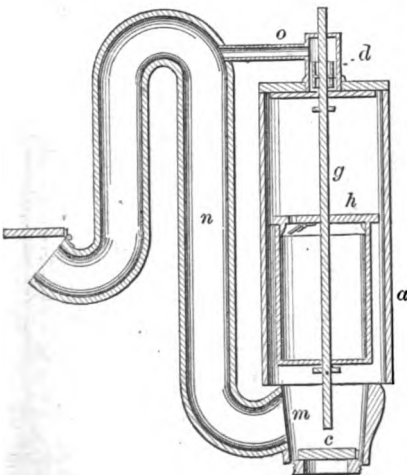
75417—S. Harris—Grain Separator.



75420—G. W. Haynie—Car Coupling.

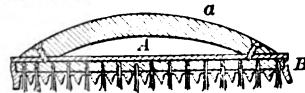


75424—W. L. Horne—Steam Water Elevator.

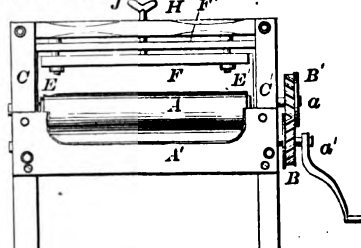


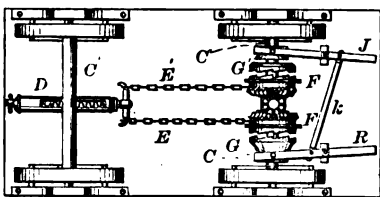
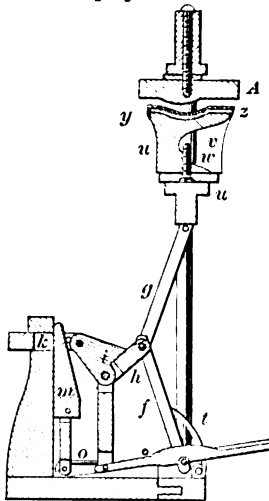
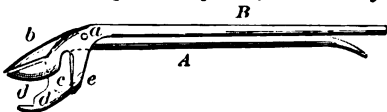
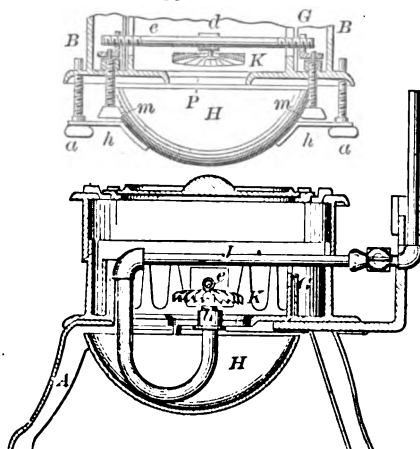
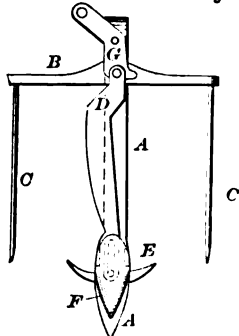
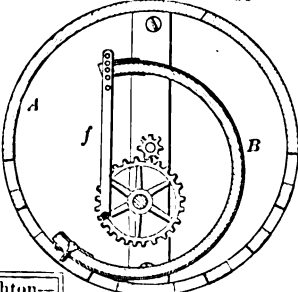
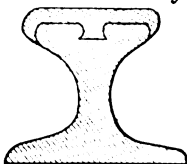
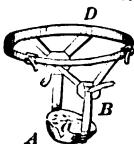
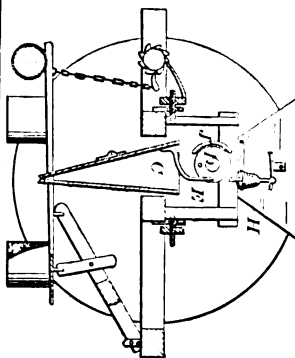
75419—C. Haydon—Plane Subsoil Attachment.

75421—D. E. Hayward—Scrub Brush.

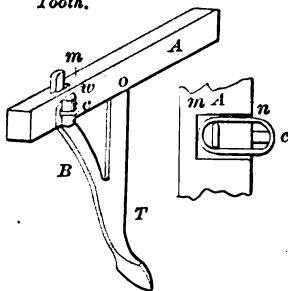


75425—R. B. Hugunin—Clothes Wringer.

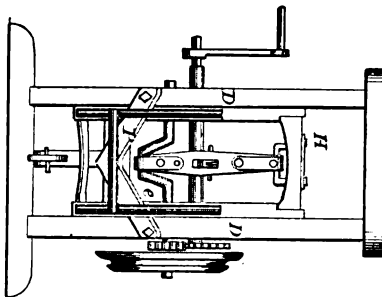


**75426—C. S. Hunt—Stopping and Starting Cars.****75428—J. B. Johnson—For Shaping Shoe Soles.****75427—Hyslop & Phillips—Lifter and Tongs.****75429—D. Kellogg—Gas Heater.****75430—G. Kinney—Horse Hay Fork.****75432—A. E. Lazell—Hygrometer.****75431—A. A. Knowlton—Artificial Teeth.****75433—W. Leighton—Railroad Rail Fagot.****75434—H. W. Liebey—Catamential Sack.****75435—N. & M. Liddell—Corn Planter.**

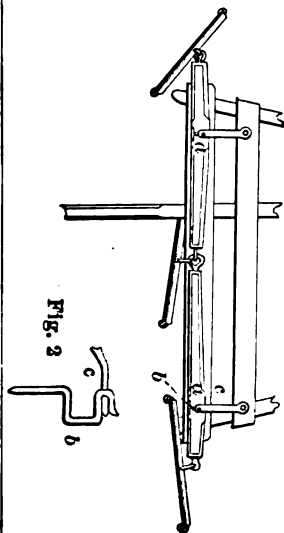
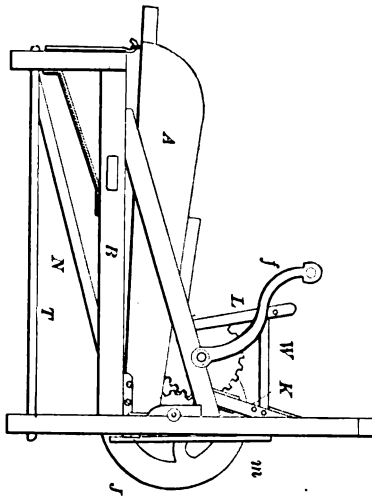
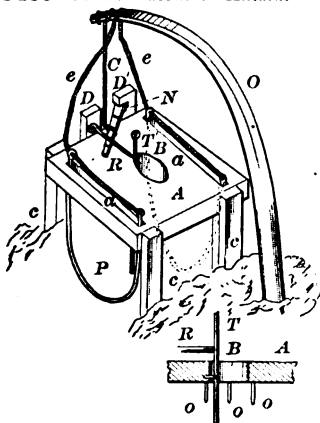
75436—Lowth & Howe—Cultivator  
Tooth.



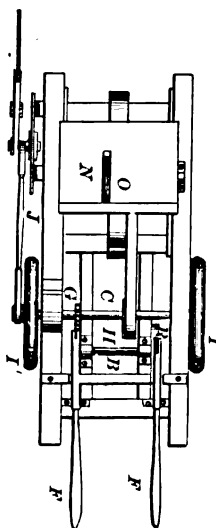
75437—C. A. Lundy—Straw Cutter.



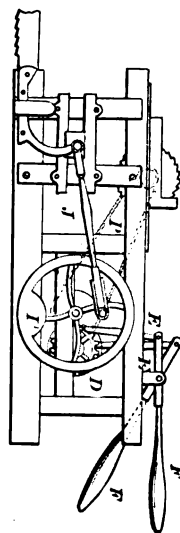
75438—M. B. Marshall—Animal Trap.



75440—W. W. Mathews—Tree-trec.

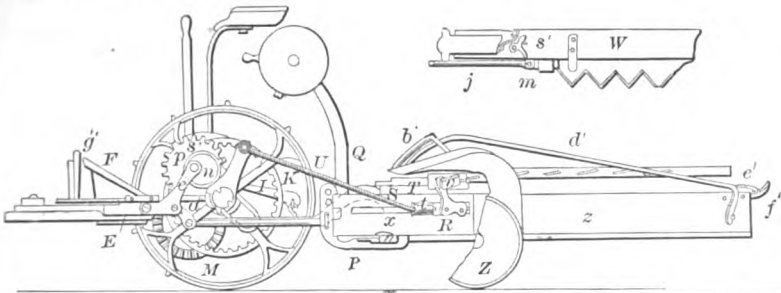


75441—J. W. Maxey—Sweeing Machine.

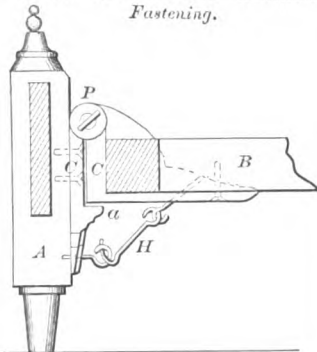




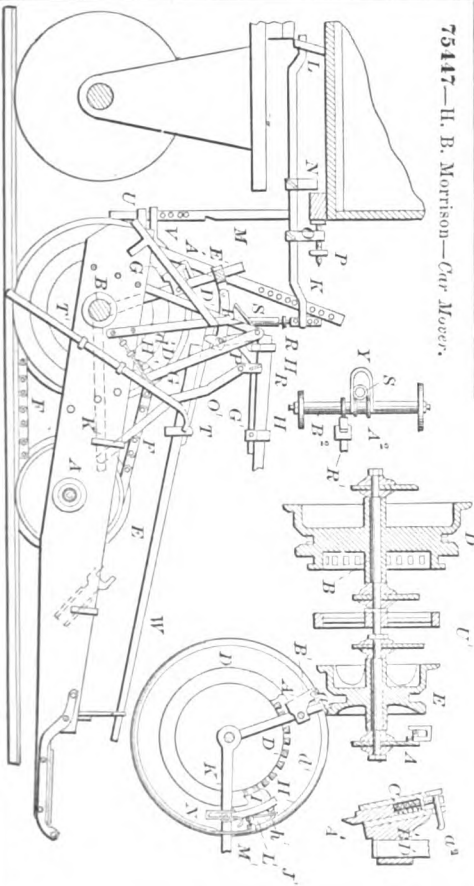
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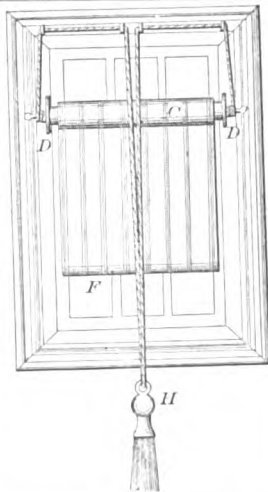
75445—J. E. Milliken—*Bedstead.*  
8 *Fastening.*



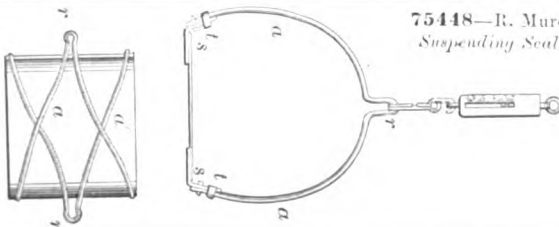
75447—H. B. Morrison—*Cur Mover*.



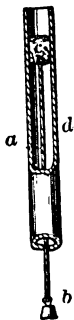
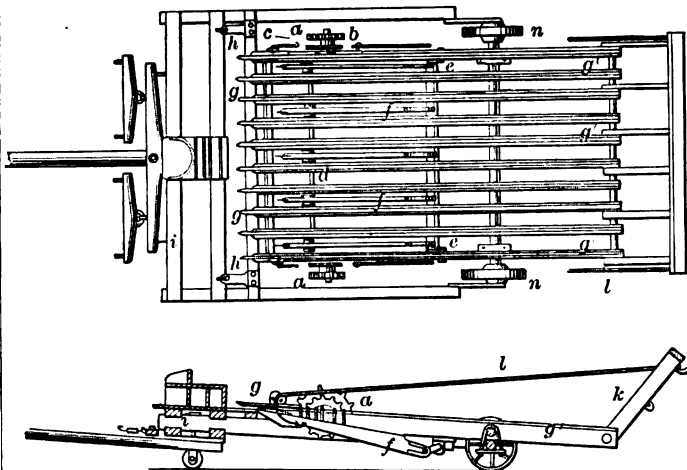
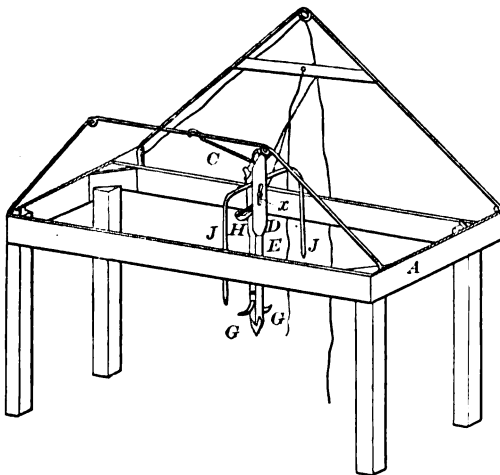
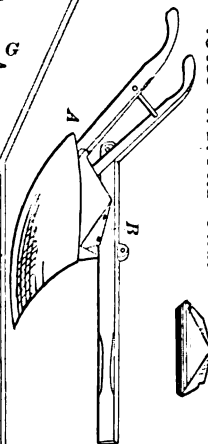
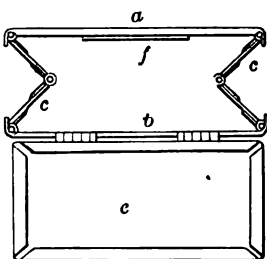
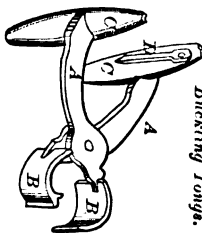
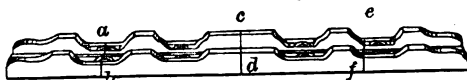
75446—J. B. Moore—*Window Shade Picture.*



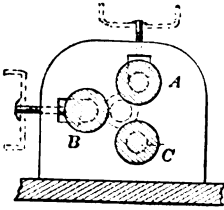
**75448**—R. Murdoch—*Suspending Scale Pan.*



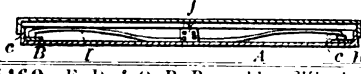


75449—P. Naylor—*Trimming*.75450—W. T. Nicholas—*Hay Raker and Loader*.75452—S. Page—*Horse Hay Fork*.75454—L. T. Payne—*Anger*.75455—J. D. Peck—*Flaw*.75451—P. H. Niles—*Lunch Box*.75453—W. P. Patton—*Skate Bucking Tongue*.75456—C. H. Perkins—*Forming Horse Shoe Blanks*.

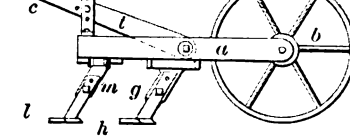
**75457**—W. P. Porter—  
*For Rolling Axes.*



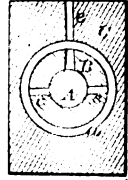
**75458**—A. W. Pratt—*Armlet Portmonnaie.*



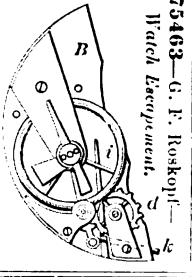
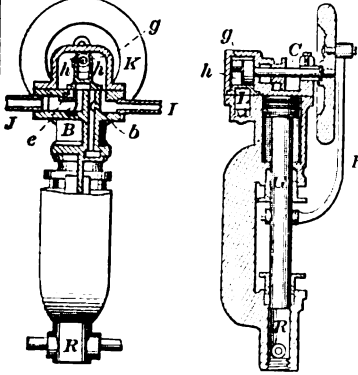
**75460**—E. D. & O. B. Reynolds—*Wheel Hoe.*



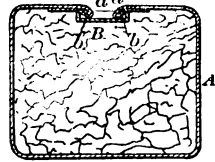
**75465**—Rowley & Poland—*Lubricating Box.*



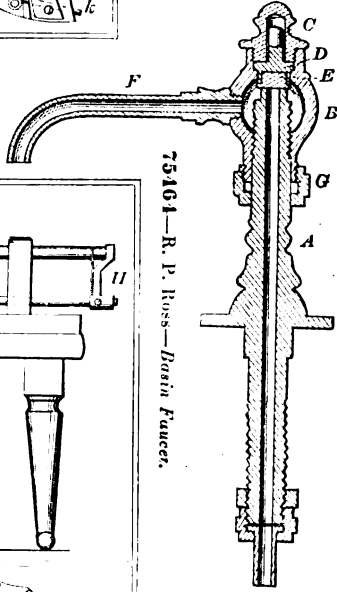
**75459**—Reaney & Cornell—*Steam Engine Valve Gear.*



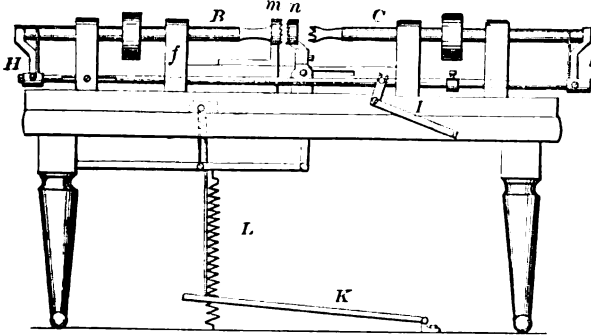
**75461**—E. S. Roberts—*Cotton Bale Tie.*



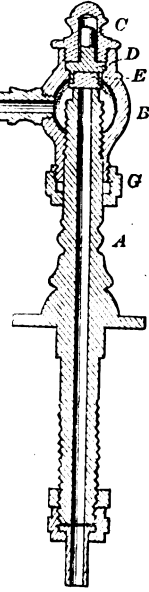
**75463**—G. F. Koskoff—*Watch Escapement.*



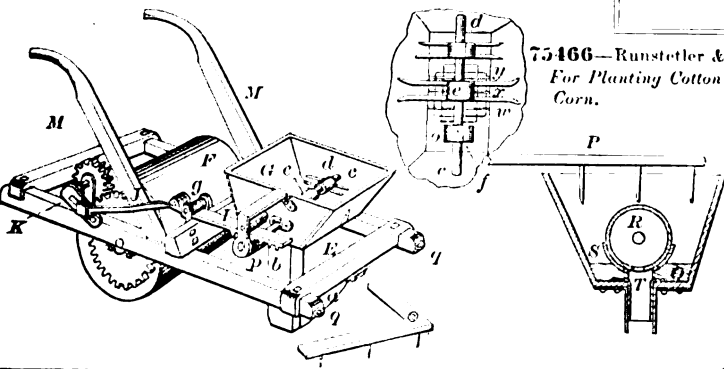
**75462**—D. C. Robie—*Button Turning Lathe.*



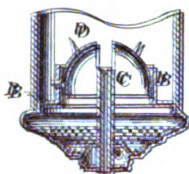
**75461**—R. P. Ross—*Posin Fencer.*



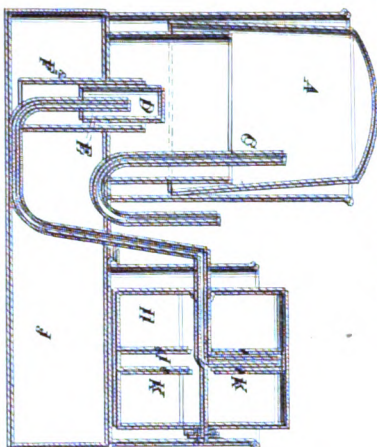
**75466**—Runstetter & Windeck—*For Planting Cotton Seed and Corn.*



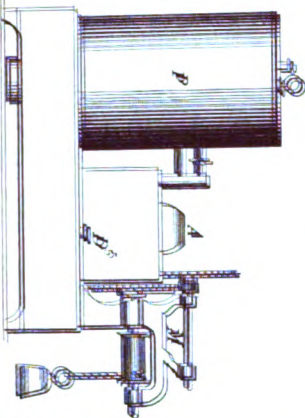
73467—L. L. Sigendorf—Lamp.



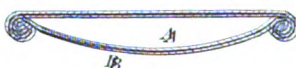
73469—J. Sengsten—For Carbonating Air.



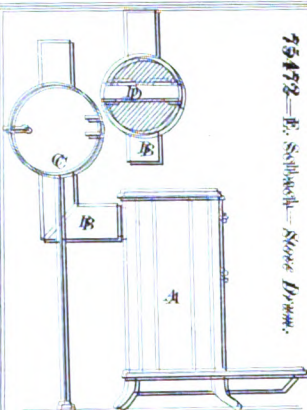
73468—J. Sengsten—For Carbonating Air.



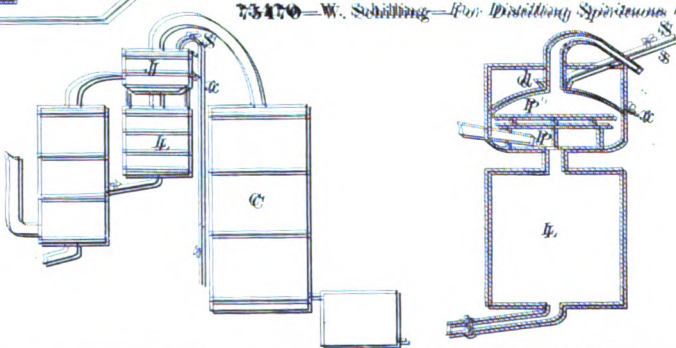
73471—G. Leach—Razor-Strip Machine.



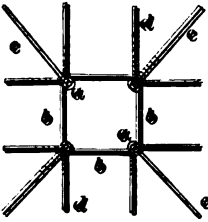
73472—E. Safford—Stone Press.



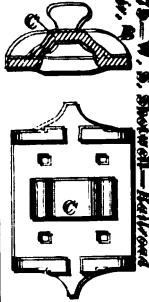
73470—W. Schilling—For Distilling Spirituous Liquors.



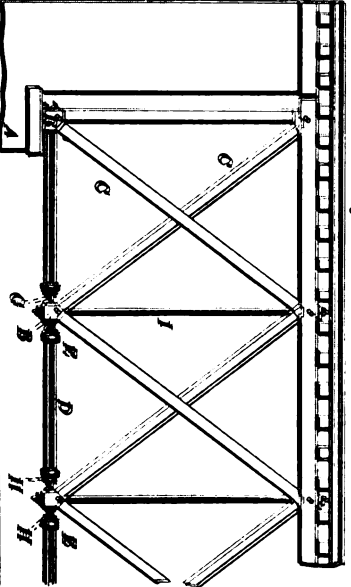
73474—Shoemaker & Phelps—Map Vane Frame.



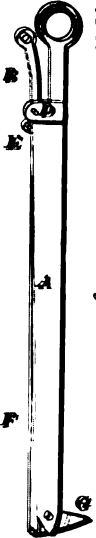
73475—W. S. Shattell—Bedstead Chair.



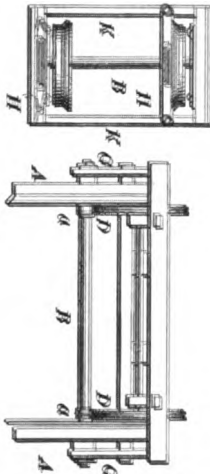
73477—J. H. Smith—Bridge.



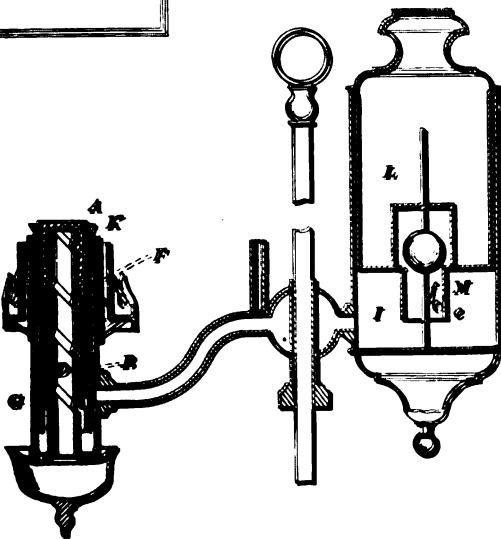
73481—H. B. Shatto—Horse Hay Fork.



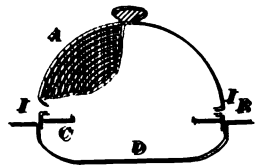
73476—W. S. Shattell—Railway Truck.



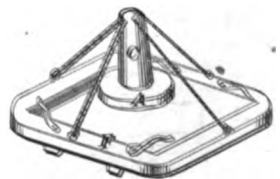
73479—W. H. Smith—Lamp.

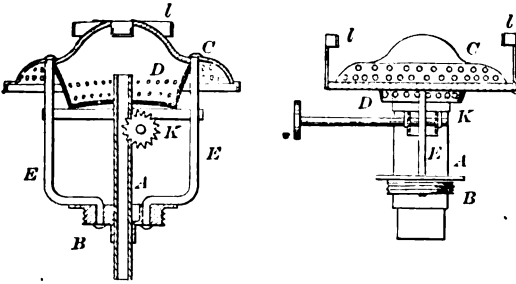
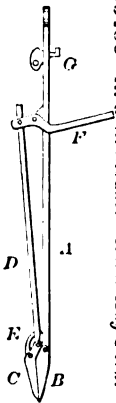
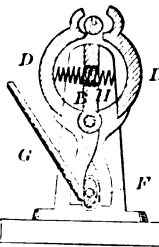
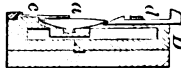
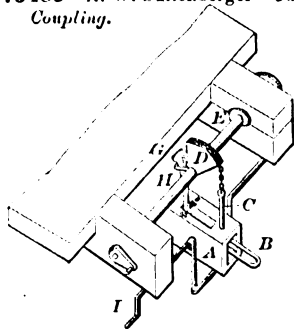
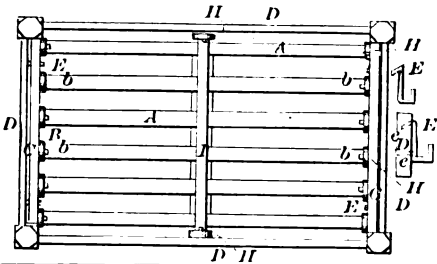
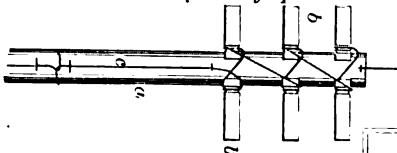
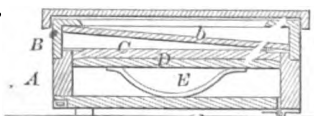
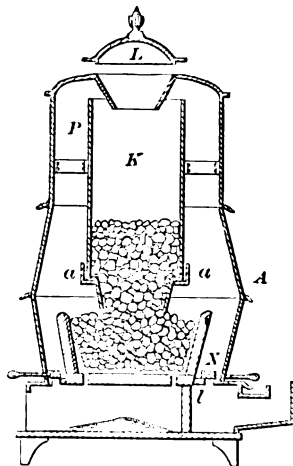
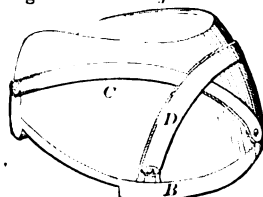


73480—A. Saylor—Fly Trap.

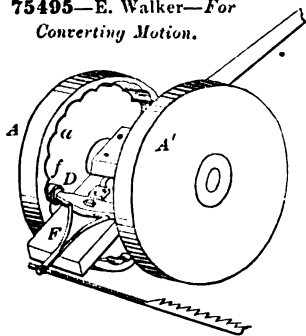


73482—J. Stehman—Photographic Printing Apparatus.

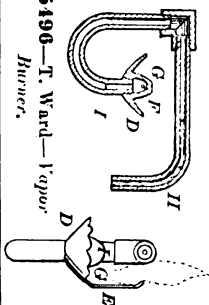


**75483**—C. St. John—*Lamp Burner.***75481**—F. A. Stohmann—*Truss Pad.***75485**—F. A. Stohmann—*Syringe.***75486**—H. & A. Stouffer—*Horse Hay Fork.***75487**—O. W. Snow—*For Forming Beads on Sheet Metal Gutters.***75488**—E. E. Stubbs—*Bolt Fastening.***75489**—A. W. Sullenberger—*Car Coupling.***75490**—R. Tattershall—*Spring Bed Bottom.***75492**—C. F. Varley—*Telegraph Pole***75493**—H. Vogel—*Photometer.***75491**—Van Wormer & McGarvey—*Coal Store.***75494**—J. Wagner—*Attaching Horse Shoes.*

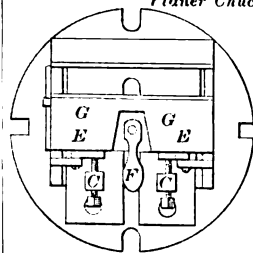
**75495**—E. Walker—For  
Converting Motion.



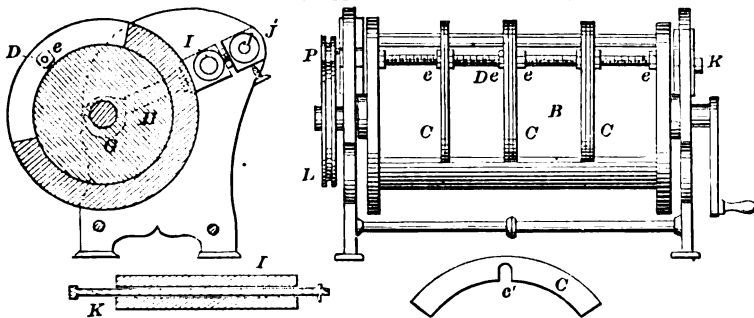
**75496**—T. Ward—L'ajout  
Humer.



**75498**—W. H. Warren—  
Planer Chuck.



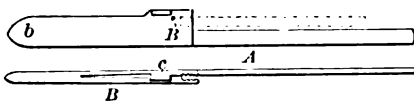
**75499**—L. B. Waterman—Inking Apparatus for Color Printing.



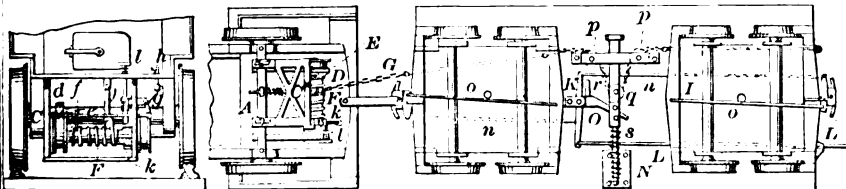
**75502**—T. B. White—Bridge.



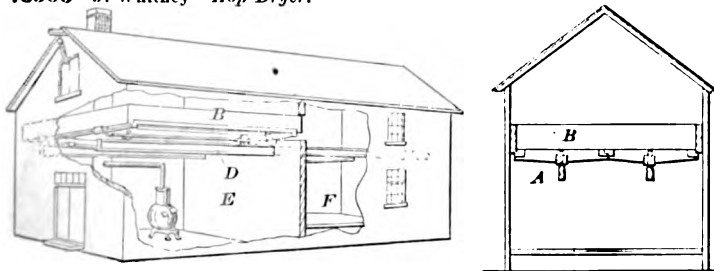
**75500**—G. A. Watkins—For Making Chair Seats.



**75501**—White & Lingle—Car Brake.

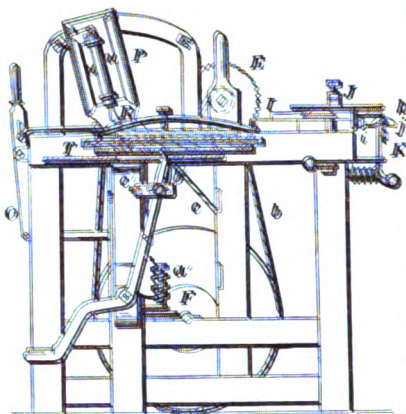
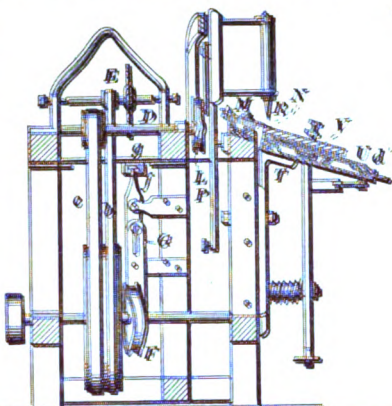


**75503**—J. Whitney—Hop Dryer.

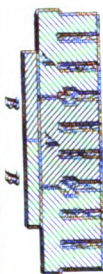
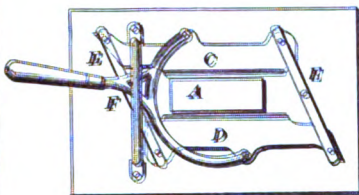




73306—R. Wolf—Dovetail Machine.

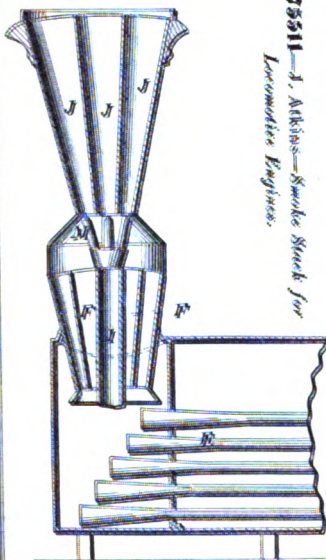
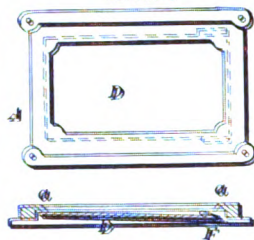


73308—T. P. Allen—Feed Cutter.



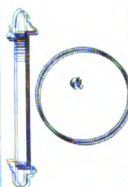
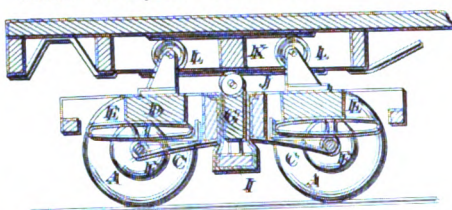
73301—C. Williams—Pierment.

73307—W. I. Adams—Cord Molder.



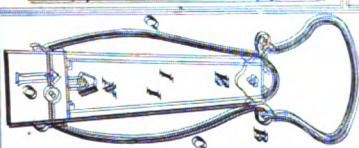
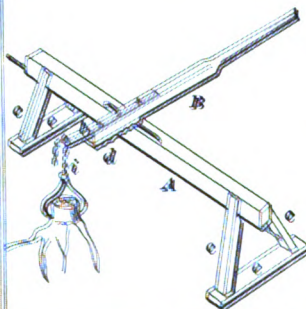
73311—J. Atkins—Smoke Stack for Locomotive Engines.

73313—J. Bayshore—Car Truck.



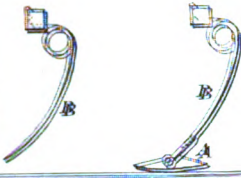
73305—G. J. Wilson—Watch Case.

73312—S. S. Avis—Stamp Extension.

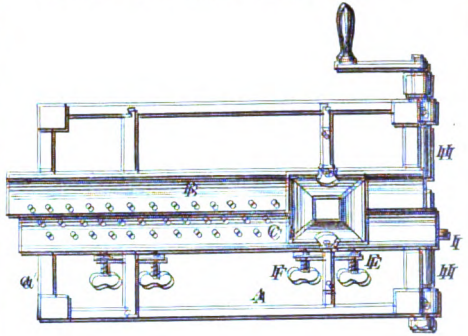


73310—E. S. Archer—Lantern.

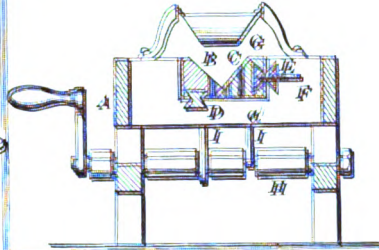
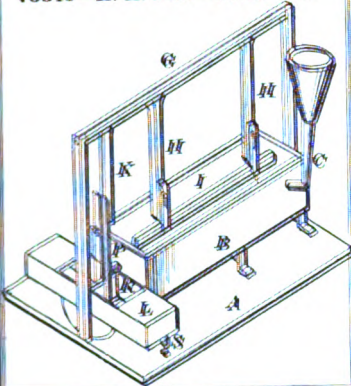
73314—H. L. Beach—Horse Rake.



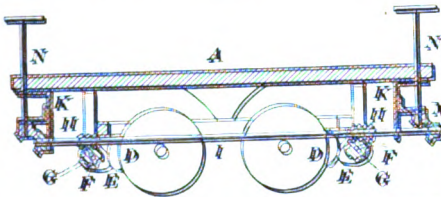
73320—W. T. Chaffee—Grain Separator.



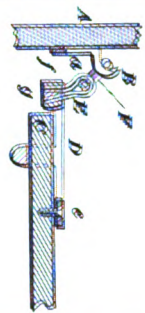
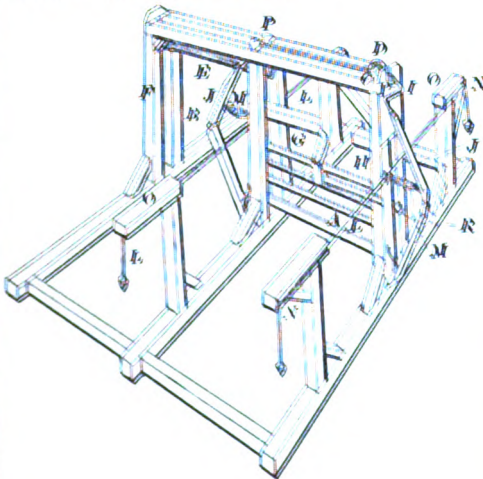
73313—H. H. Bent—Cheese Vat.



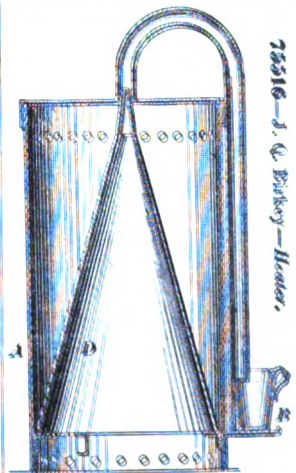
73318—W. H. Burke—Car Brake.



73317—W. Brown—Farm Gate.



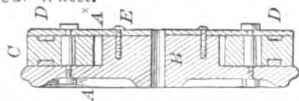
73319—E. Caswell—Rod Bottom.



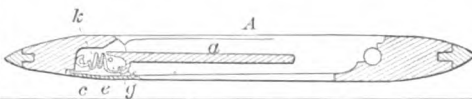
73316—J. W. Binkley—Heater.



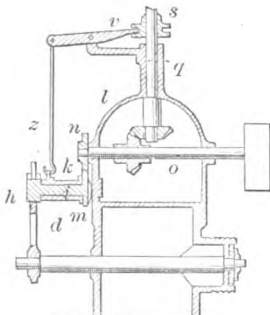
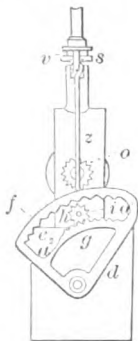
75521—S. B. Chapman—  
Car Wheel.



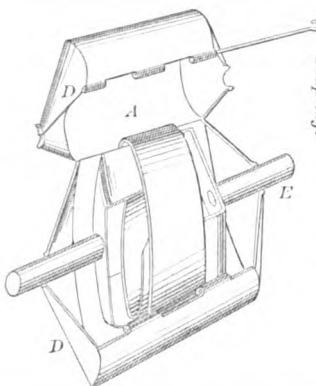
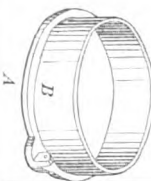
75522—D. G. Chase—Shuttle.



75523—D. L. F. Chase—Steam Engine Governor.

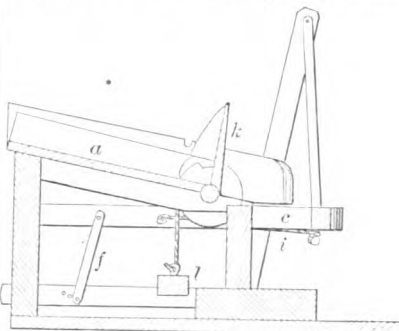


75524—J. Chase, Jr.—Brake Drum.

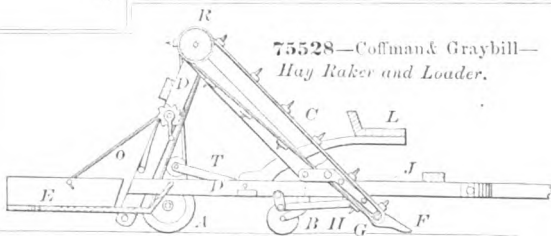


75525—S. E. Chase—Covering for Shaft Coupling.

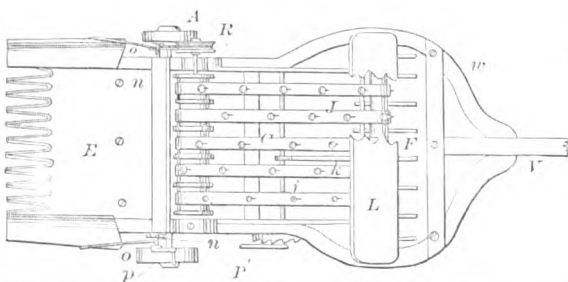
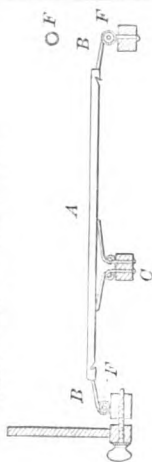
75526—J. A. Clarke—Ferry Bridge Guard.



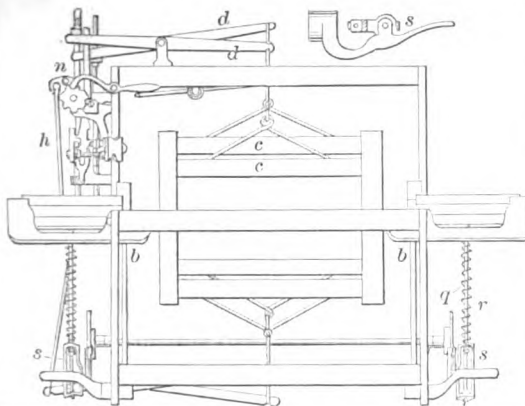
75528—Coffman & Graybill—  
Hay Raker and Loader.



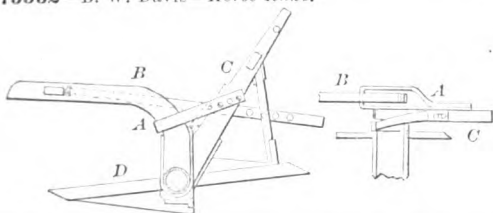
75527—J. C. Clime—Bedstead.



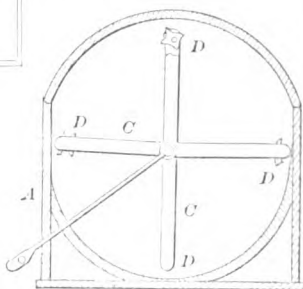
75530—G. Crompton—Loom.



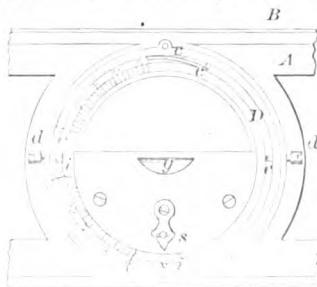
75532—B. W. Davis—Horse Rake.



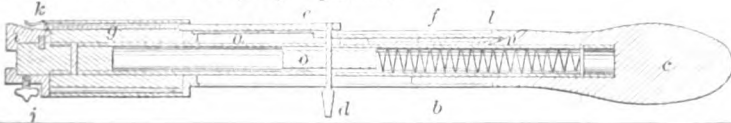
75539—G. C. Fitch—Churn.



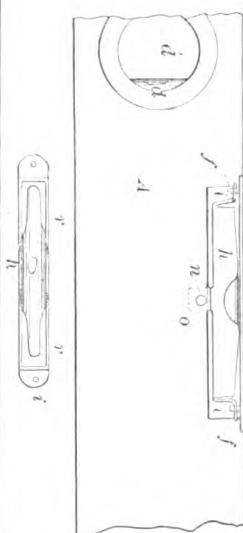
75533—L. L. Davis—Spirit Level.



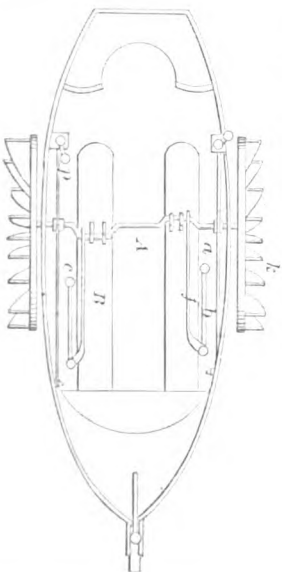
75529—N. L. Cole—Lamp Lighting Device.



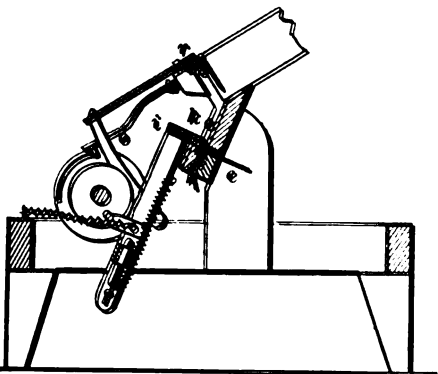
75531—L. L. Davis—Adjustable Spirit Level.



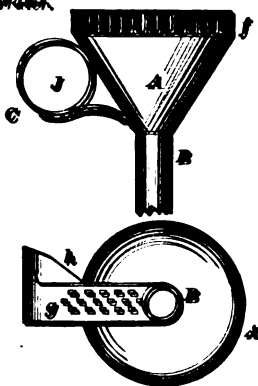
75531—W. G. Crossley—Velocipede.



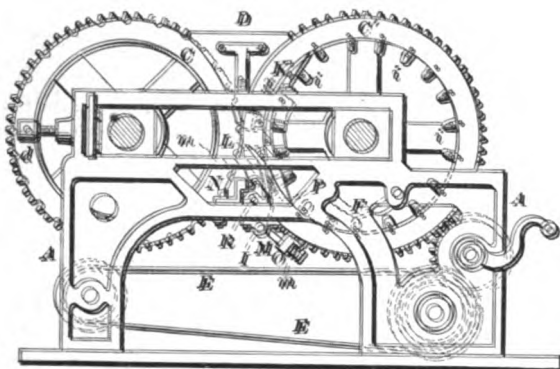
73340—T. Fowler—For Papering Pins.



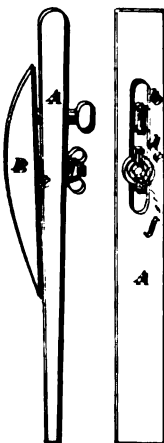
73341—E. A. Gooden—Funnel and Grater.



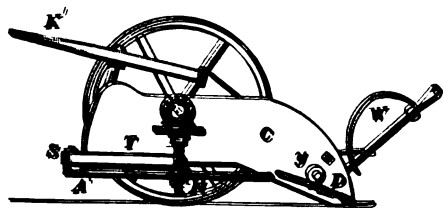
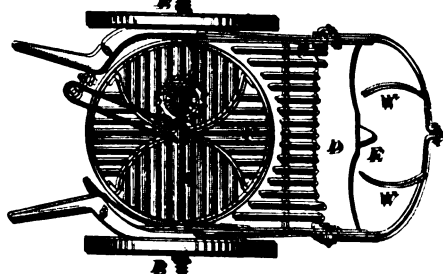
73342—W. A. Graham—Brick Machine.



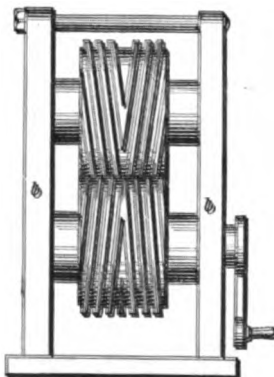
73343—F. Haskins—Shuttle Holder.



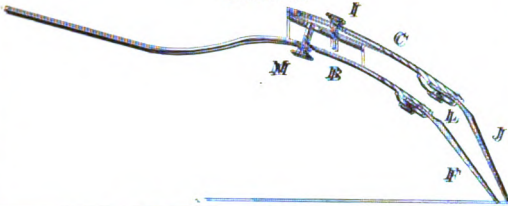
73344—A. Hudson—Potato Digger.



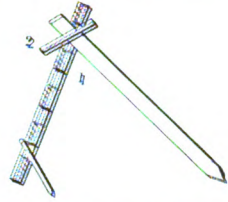
73345—C. Haskin, Jr.—Spiral Gearing.



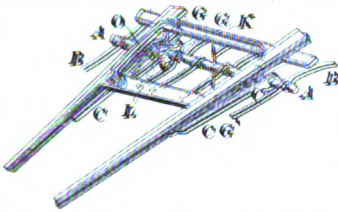
73346—J. W. Henderson—Pen Holder for Ruling Machines.



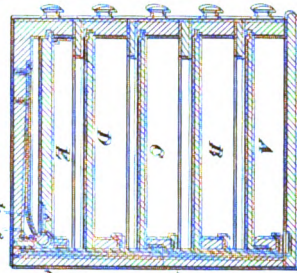
73331—S. Keller—Pence.



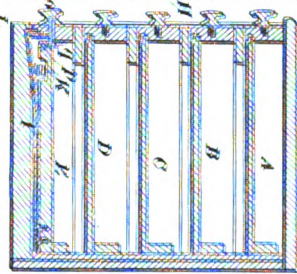
73348—J. N. Hicks—Worm Ruler.



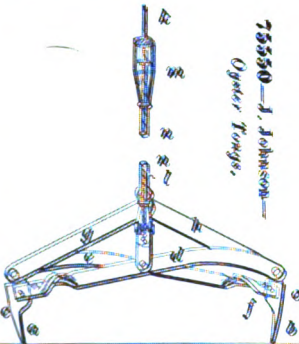
73354—H. Lemmiste—Bollig.



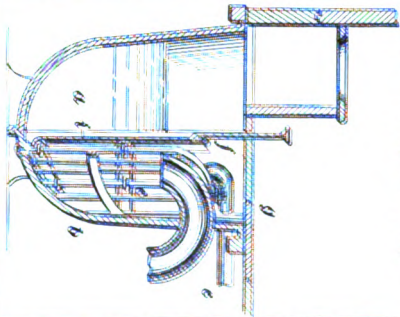
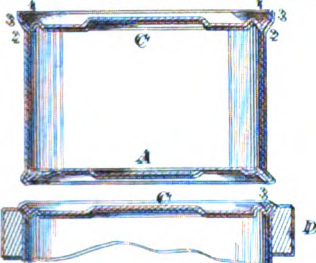
73353—J. Koeb—Furniture Drawer and Fastening.



73350—J. Johnson—Oyster Tongs.

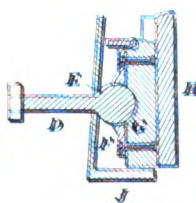
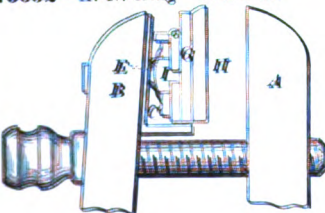


73347—P. Hickey—Can for Alkalies.

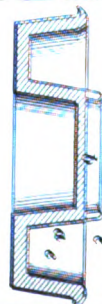


73349—J. Ingram—Press.

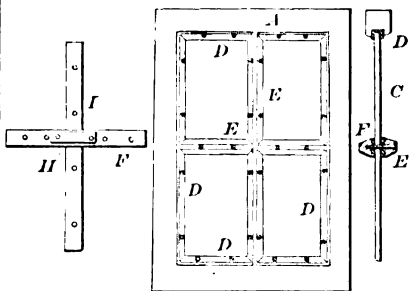
73332—H. N. King—Vise Jaw.



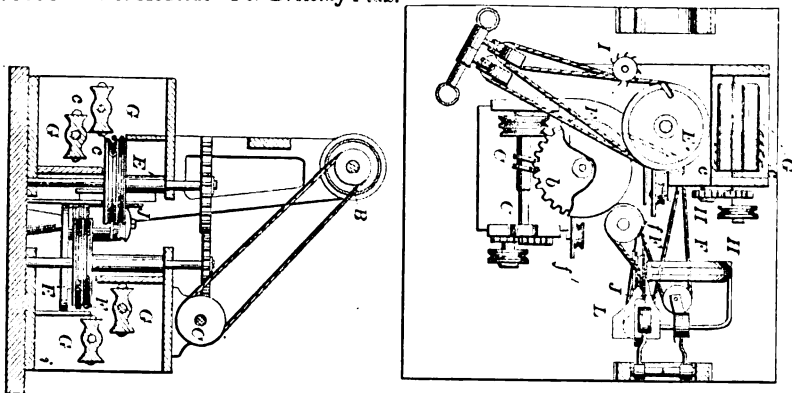
73335—W. Bailey—Treatment of House Plants.



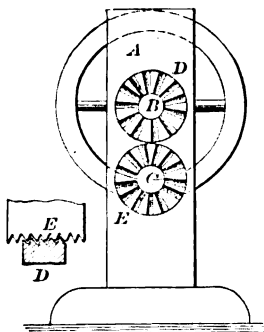
75556—J. Liness—Window Sash.

75558—J. B. Maccluff—Forming  
Kielced Ornaments on Wood.75562—B. S. Morgan—Clothes  
Pounder.

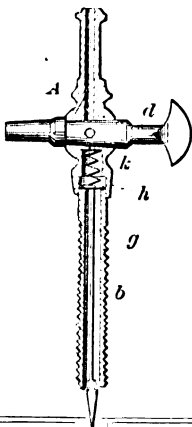
75559—W. C. McBride—For Dressing Flax.



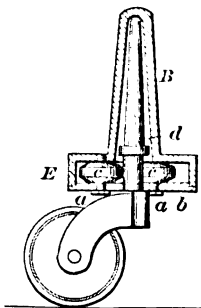
75563—J. Morton—Cutting Saw Teeth.



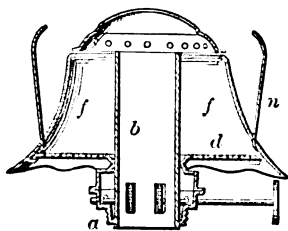
75557—W. T. Luther—Boat's Pincer.



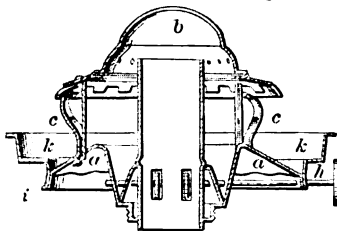
75564—H. Munroe—Caster.



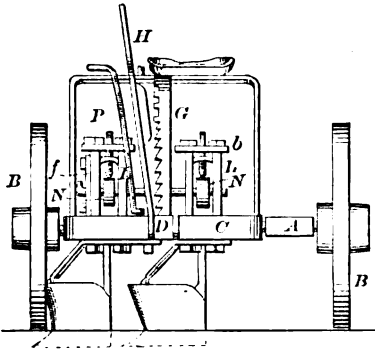
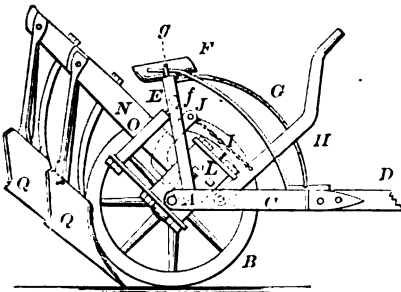
75565—G. Neilson—Lamp Burner.



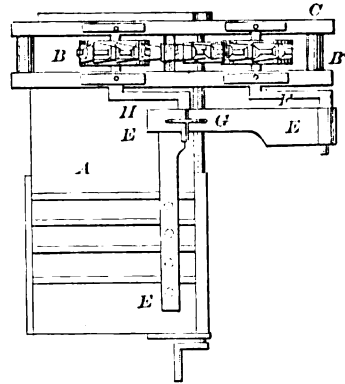
75566—G. Neilson—Lamp Burner.



75567—W. Nelson—*Gang Plow.*



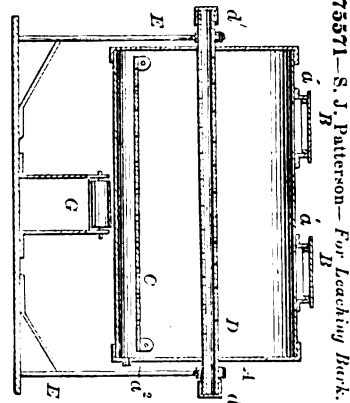
75570—E. Ogden—*Harvester Rake.*



75508—H. B. Nickerson—*File.*

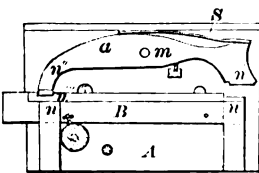


Fig. 1

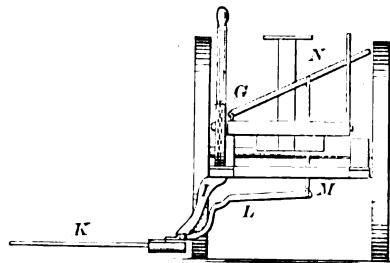


75571—S. J. Patterson—*For Leaching Bark.*

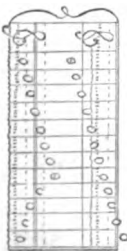
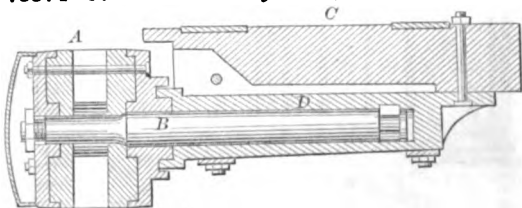
75569—H. Norton—*Door Lock.*



75573—J. W. Pierce—*Mowing Machine.*

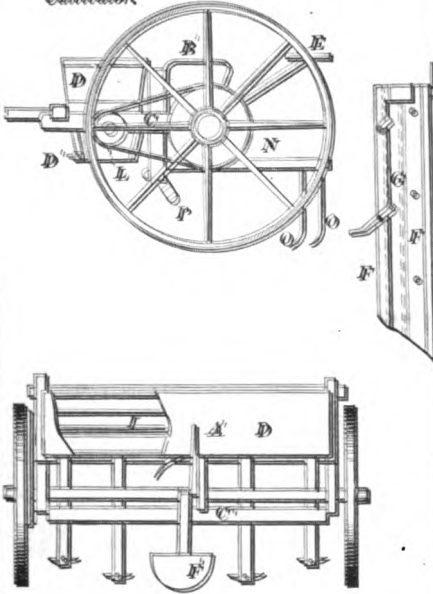


75574—J. W. Pollock—*Wagon Hub, Axle and Box.*

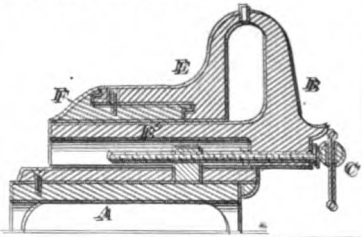


75572—L. Phillips—*Musical Notation.*

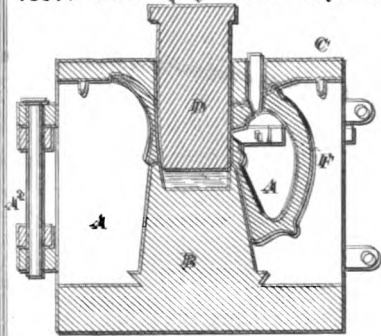
73373—O. M. Pond—Seedling Machine and Cultivator.



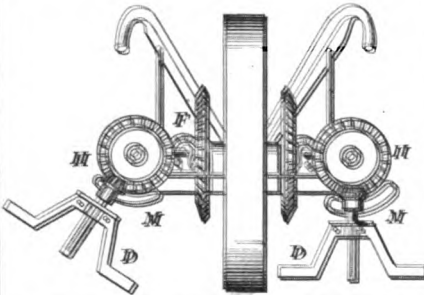
73376—M. Printiss—Vise.



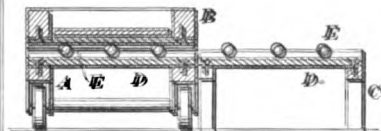
73377—D. C. Ripley—Glass Manufacture.



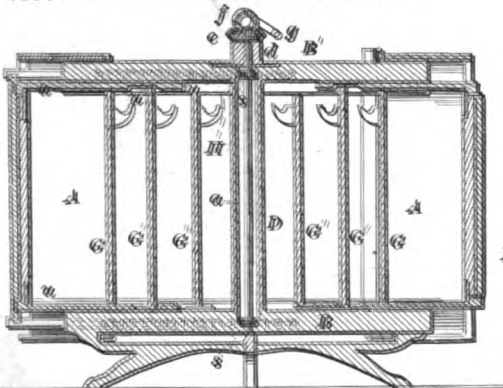
73378—E. B. Roberts—Cultivator.



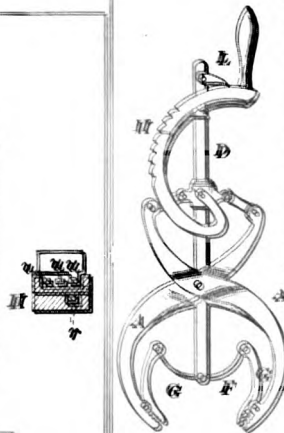
73381—L. Savage—Railroad Freight Car.



73379—J. G. Roux—Extension Wardrobe.

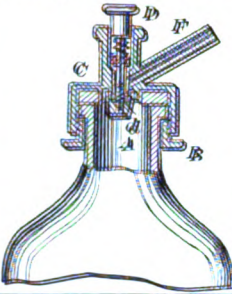


73380—J. G. Roux—For Lending Books and Shoes.

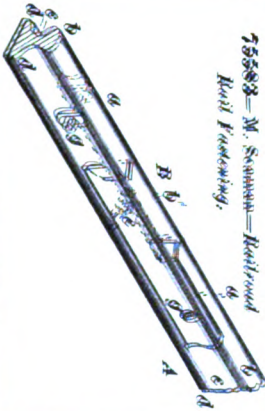
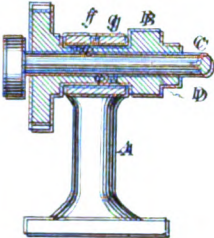




73382—A. D. Schmuckenberg—  
Vessel for Mineral Water.

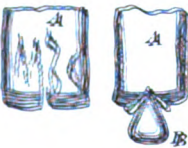


73384—M. Senior—  
Lubricating Device.

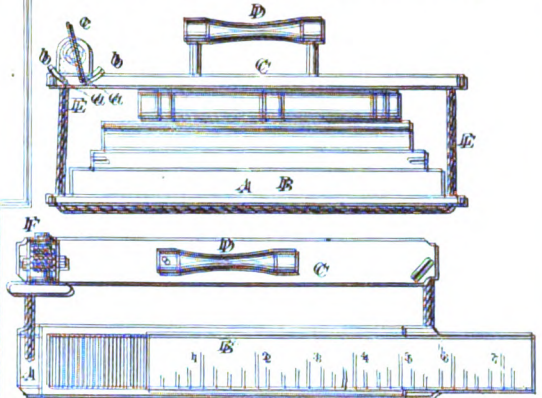


73383—M. Sisson—Barrel  
for Storing.

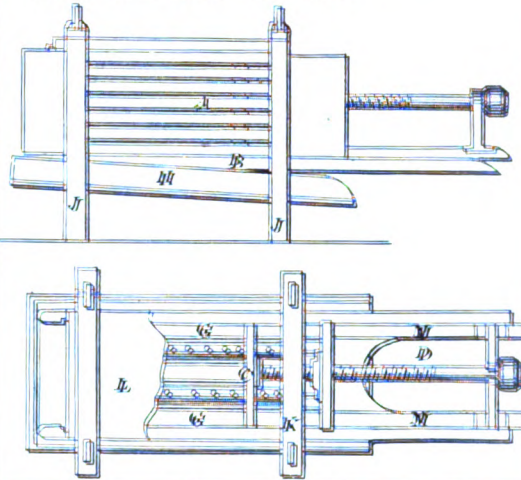
73386—H. M. Saxe—Surgical  
Supporter.



73388—C. W. Sherwood—Portable Book Clamp.



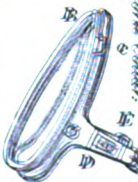
73389—A. W. Shidder—Color Press.



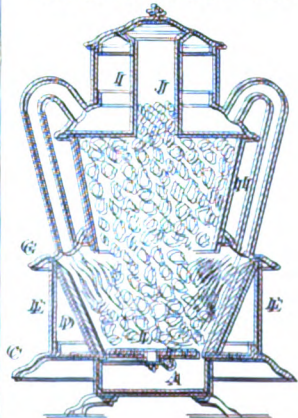
73397—Shaw & Gilman—  
Lamp.



73390—J. H. Spence—  
Horse Collar.

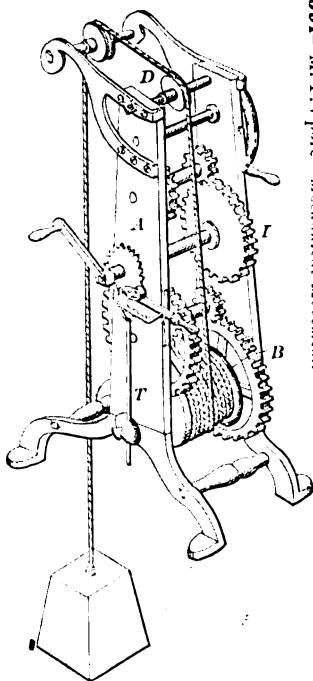


73383—F. B. Saxton—Stove.

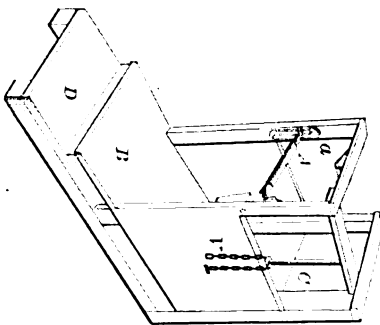




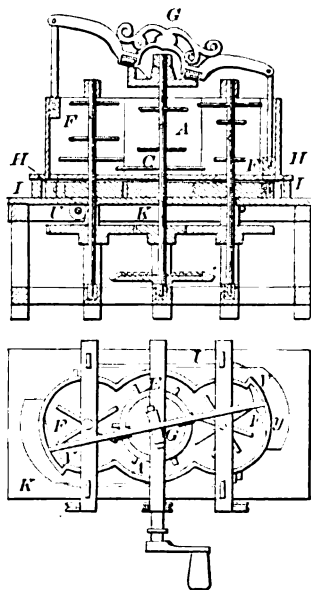
75591—M. E. Spore—Mechanical Movement.



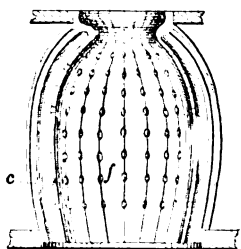
75595—S. D. Stone—Cattle Stall.



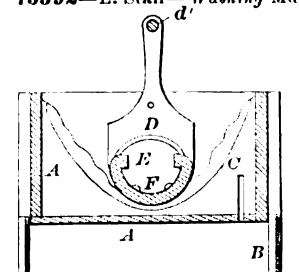
75596—J. Taggart—Brick Machine.



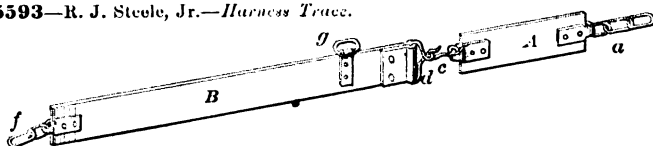
75594—D. L. Stiles—Stove Fire-Pot.



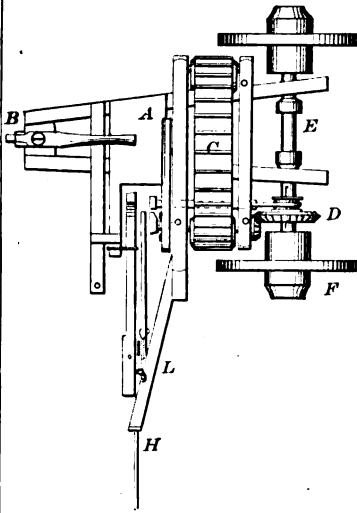
75592—E. Stair—Washing Machine.



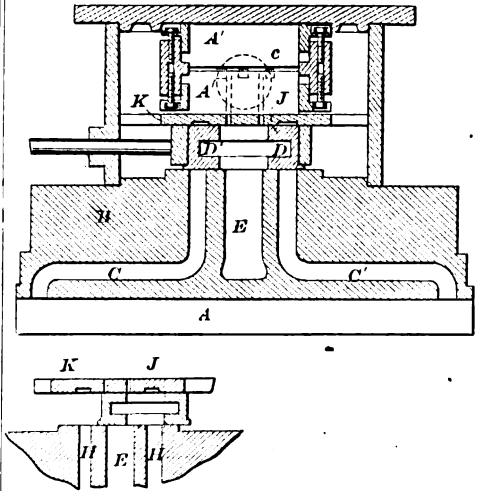
75593—R. J. Steele, Jr.—Harness Traces.



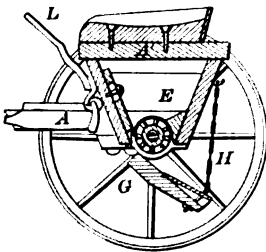
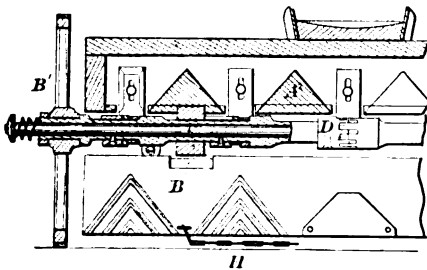
**75597**—H. Tarpley—*Horse Power.*



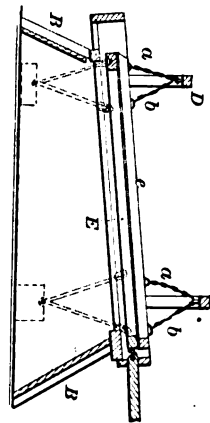
**75598**—W. Thilmany—*Steam Engine Valve.*



**75601**—F. W. Tilton—*Seed Sower.*



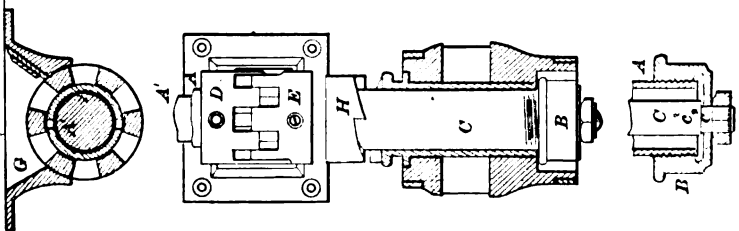
**75599**—S. Thompson—*Hanging Sieves and Screens.*



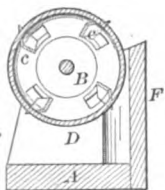
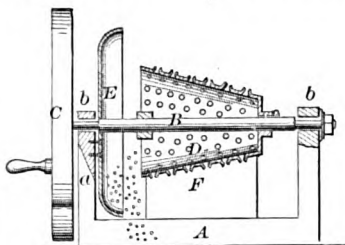
**75602**—G. G. Townsend—*Shoe Knife Guard.*



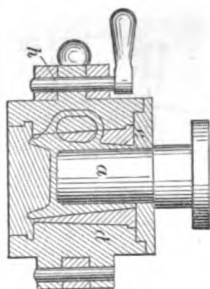
**75600**—F. W. Tilton—*Seed Planter.*



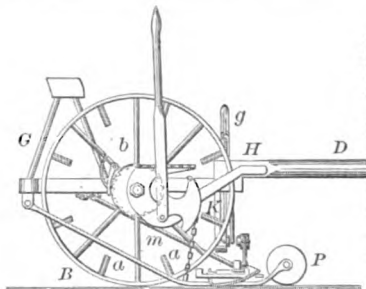
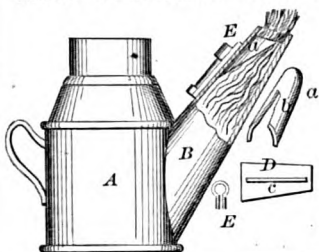
**75605—C. Vignal—Vegetable Cutter.**



**75604—D. Turpie—Glass Mould.**

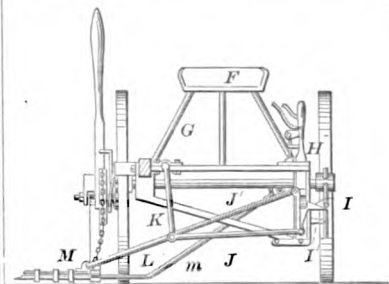
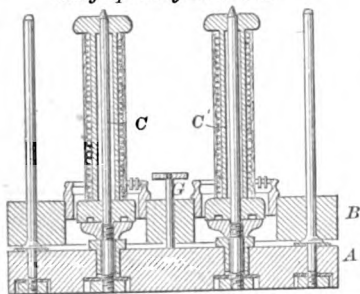


**75603**—G. W. Trimble—*Miners' Lamp.*

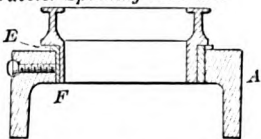


75606—L. Wallace—*Harvester*.

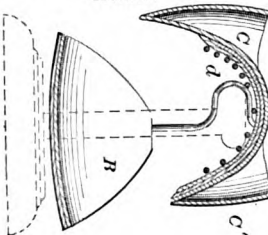
**75609**—J. W. Wattles—*Clearer for Ring Spinning Machines.*



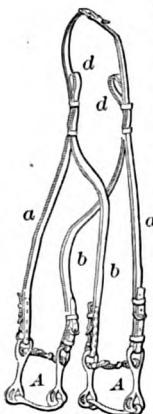
**75610**—J. W. Wattles—*Ring and Traveler Spinning Machine.*



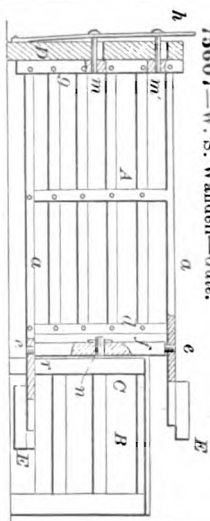
**75611**—J. D. Westgate—*Sad Iron Holder.*



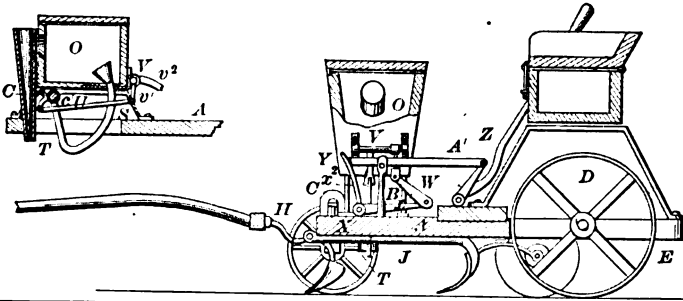
75614—L. D. Woodmansee—*Driving Lines.*



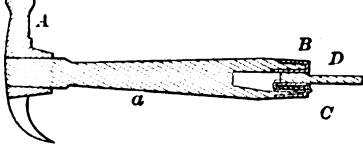
75607—W. S. Vandell—Gate.



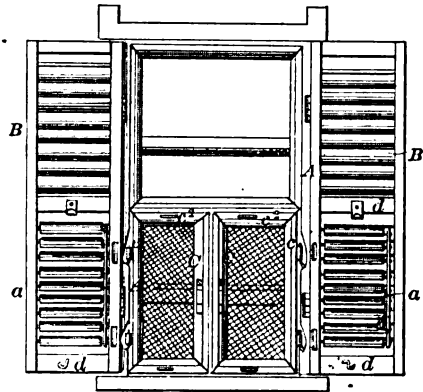
75613—S. C. Wilder—Seed Planter.



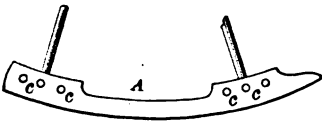
75615—H. H. W. Wright—Hammer.



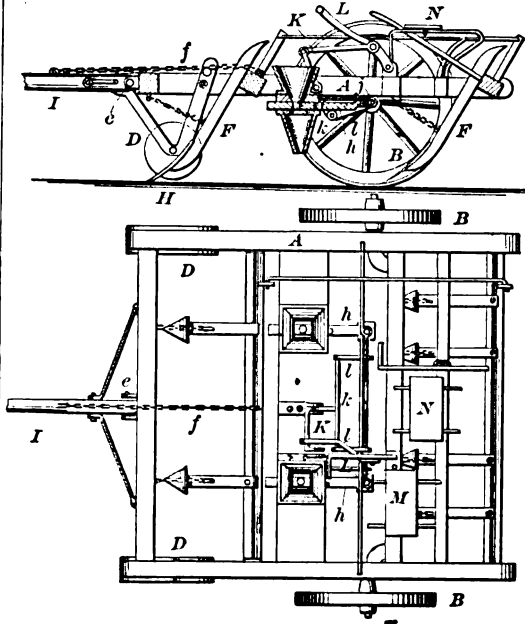
75612—J. R. Wharry—Window Netting.



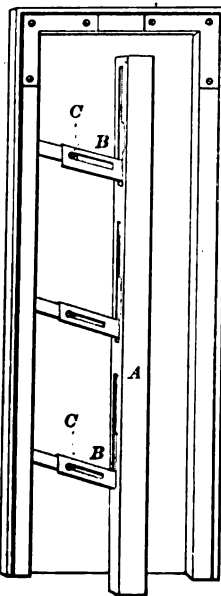
75617—L. B. Yale—Chair Rocker.



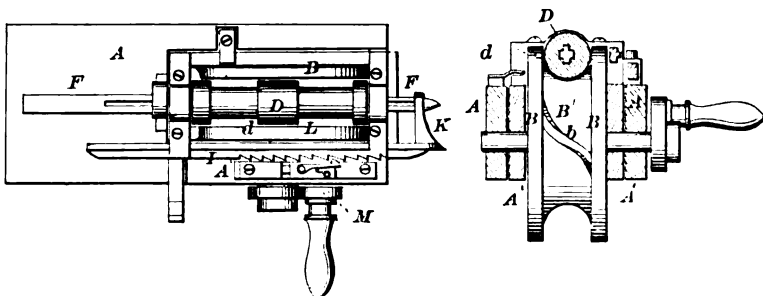
75616—R. B. Wright—Seed Planter.



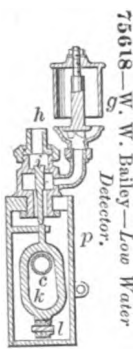
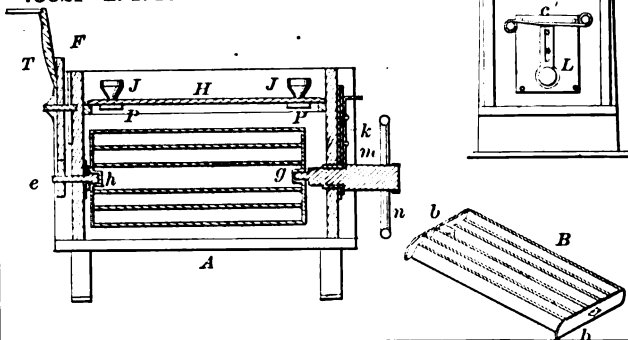
75619—W. G. Blymyer—Printers Galleys.



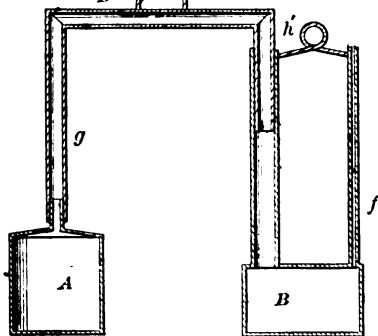
75620—F. E. Boyd—Feeding Nail Plates.



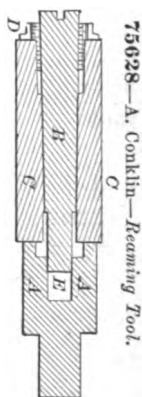
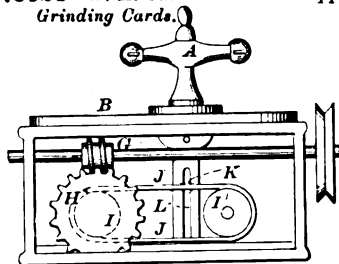
75621—E. T. Brownfield—Churn.



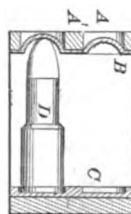
75622—E. T. Brownfield—For Tempering Cream.



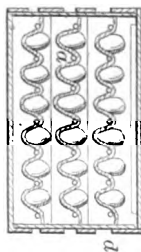
75624—W. H. Chandler—For Strapping and Grinding Cards.



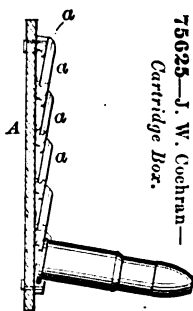
75626—J. W. Cochran—Cartridge Box.



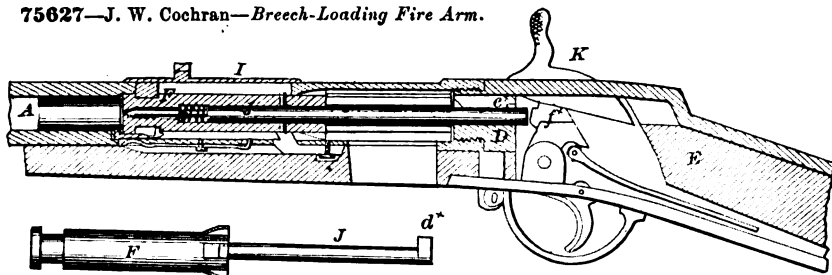
75623—A. H. Bryant—Egg Carrier.



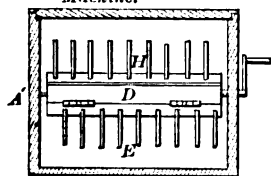
75625—J. W. Cochran—Cartridge Box.



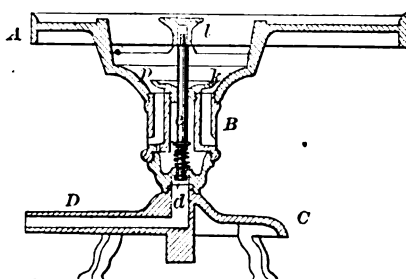
**75627**—J. W. Cochran—*Breech-Loading Fire Arm.*



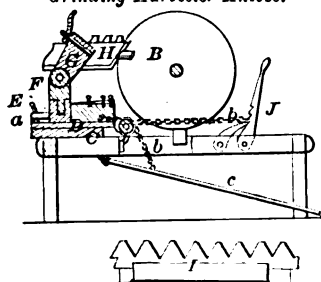
**75629**—J. Cooper—*Washing Machine.*



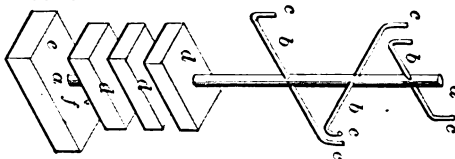
**75631**—A. Hallowell—*For Heating Flat Irons.*



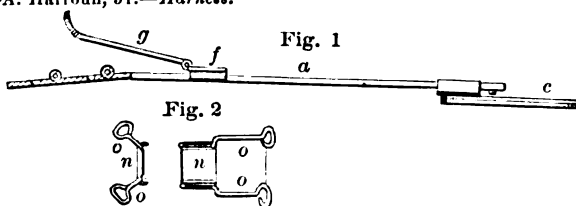
**75633**—J. Y. Hongland—*For Grinding Harvester Knives.*



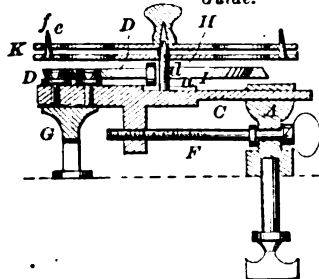
**75636**—J. Lamont—*Fence and Trellis Post.*



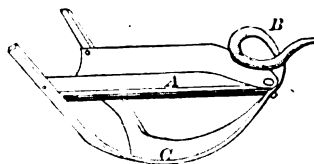
**75632**—A. Harroun, Jr.—*Harness.*

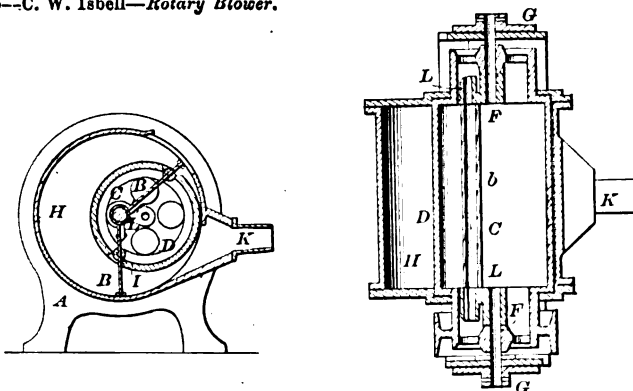
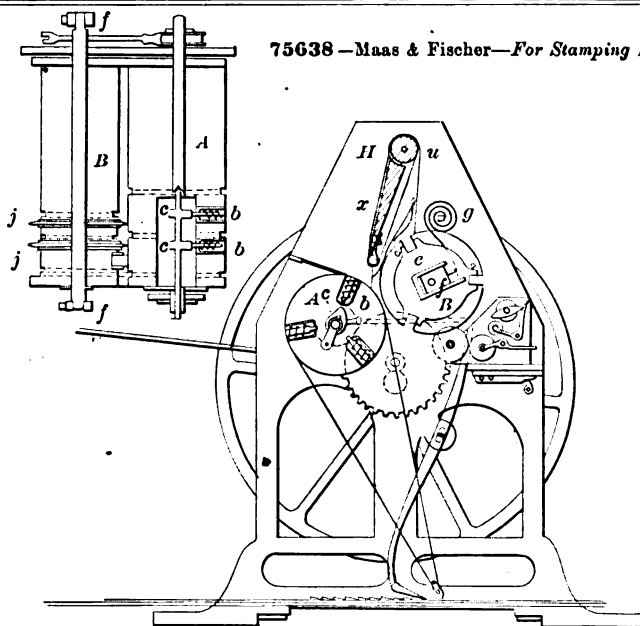
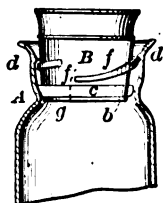
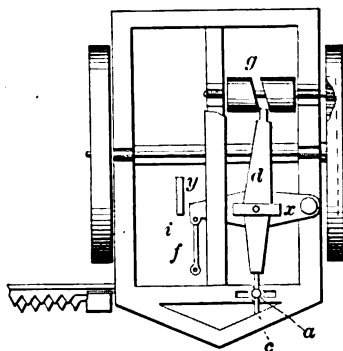


**75637**—C. H. Lockwood—*Sewing Machine Guide.*

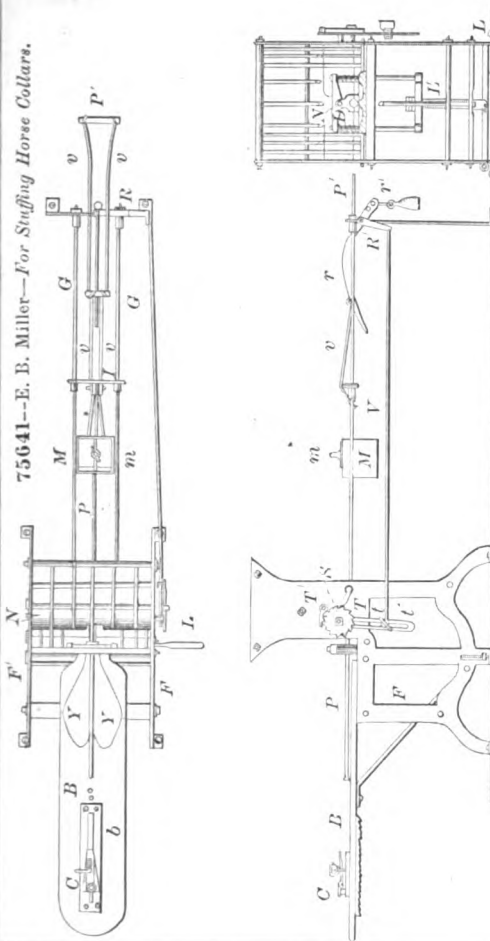


**75630**—H. P. Curtis—*Lifting Hook Guard for Stoves.*

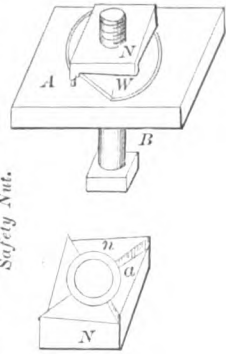


**75635**—C. W. Isbell—*Rotary Blower.***75638**—Maas & Fischer—*For Stamping Letters.***75639**—A. D. McMaster—*Fruit Jar.***75640**—E. W. Merrill—*Harvester.*

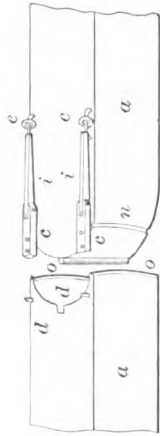
75641—E. B. Miller—For Stufing Horse Collars.



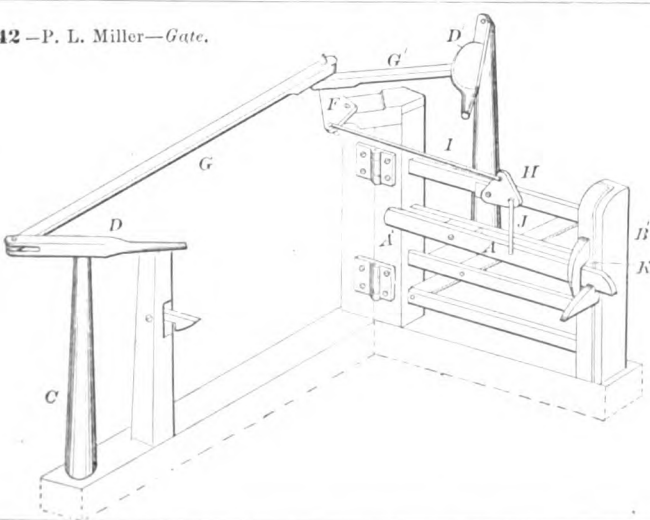
75643—A. V. B. Orr—Spring Washer and Safety Nut.



75645—Raymond & Hanley—Coupling for Sectional Vessels.



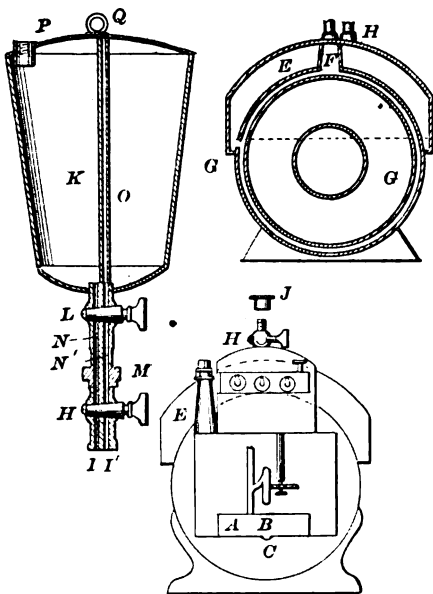
75642—P. L. Miller—Gate.



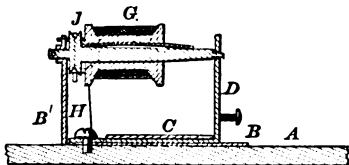
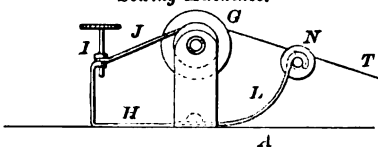




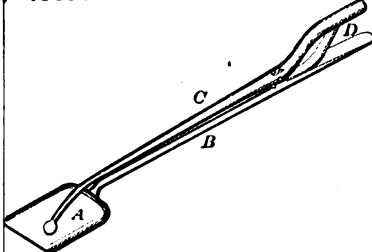
75653—A. W. Smith—*Gas Meter.*



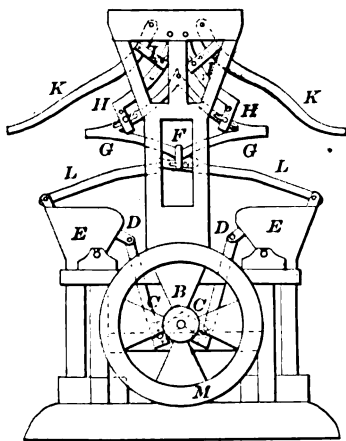
75654—S. Snyder—*Thread Tension for Sewing Machines.*



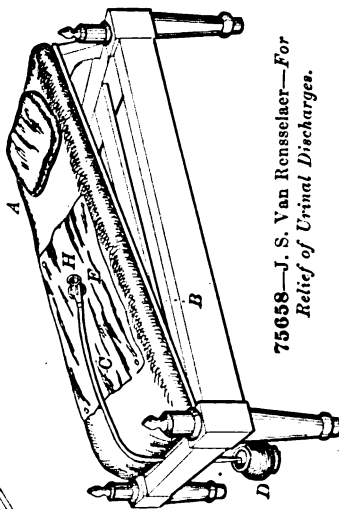
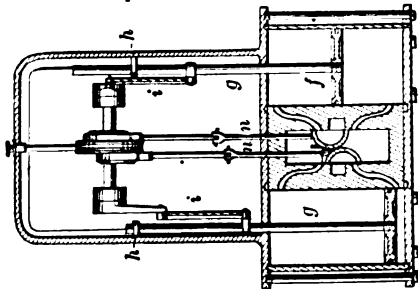
75652—H. C. Sisco—*Shovel and Tongs.*



75657—Ulmann & Bockman—*Hand Engine.*



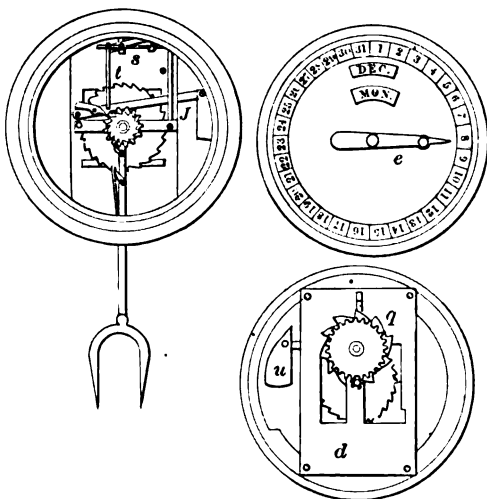
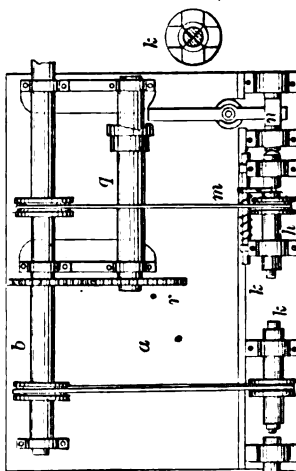
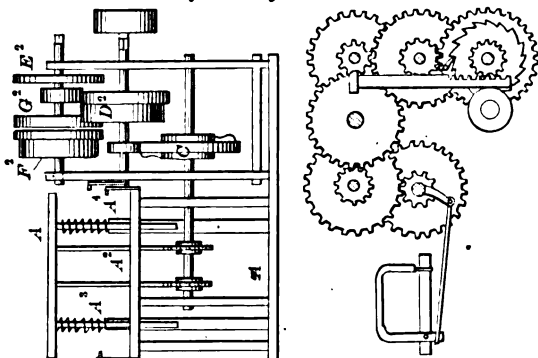
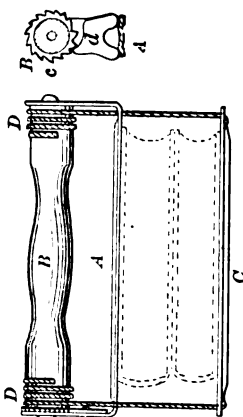
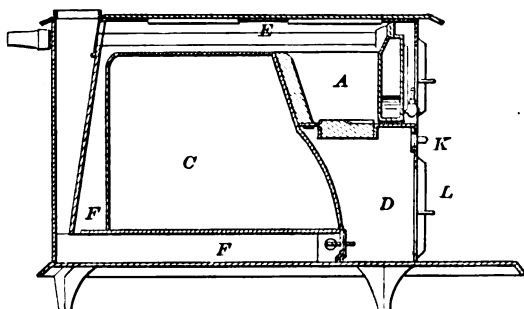
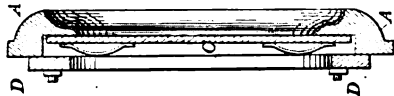
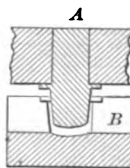
75655—E. Spencer—*Water Meter.*



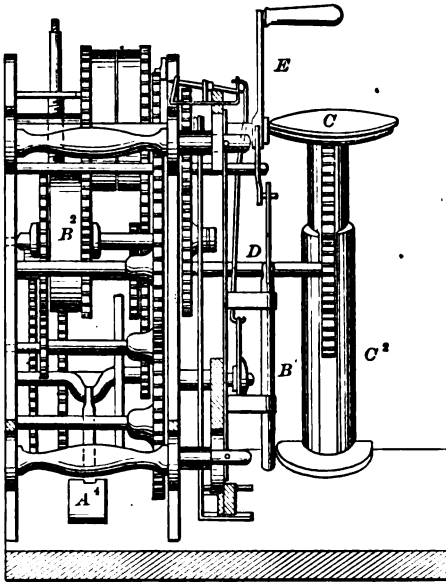
75656—J. S. Van Rensselaer—*For Relief of Urinal Discharges.*

75651—M. Simons—*Tea and Coffee Pot.*

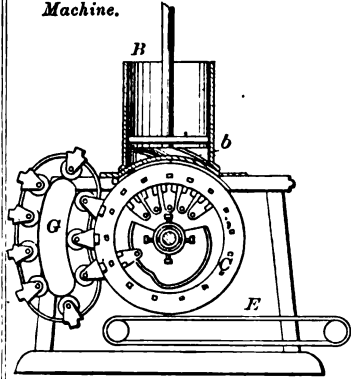


**75659**—A. S. Vose—*Calendar***75663**—H. D. Blake—*For Riveting Hinges.***75666**—A. C. Crary—*Sewing Machine Attachment.***75660**—W. C. Watson—*Book Clamp.***75665**—G. Chilson—*Cooking Stove.***75664**—C. H. Buck—*Stove Window.***75662**—H. W. Bailey—*For Making Hammers.*

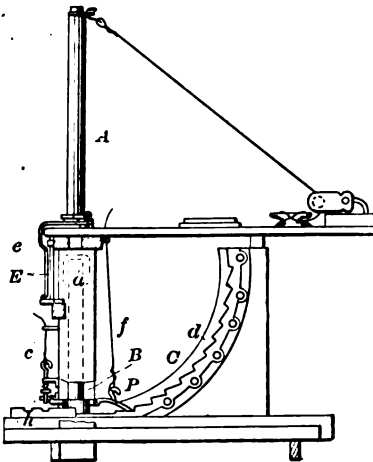
**75667**—A. C. Crary—*For Operating Sewing Machines.*



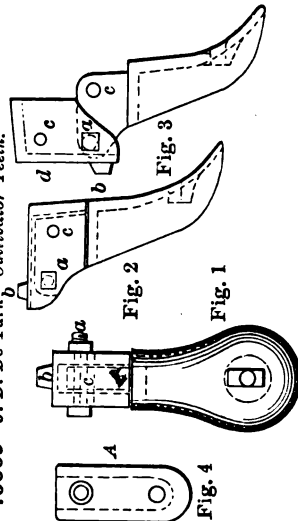
**75668**—Cutler & Swallow—*Brick Machine.*



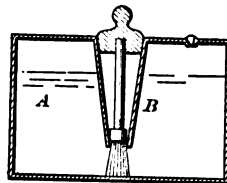
**75671**—G. Dowling—*For Lowering Ships' Masts.*



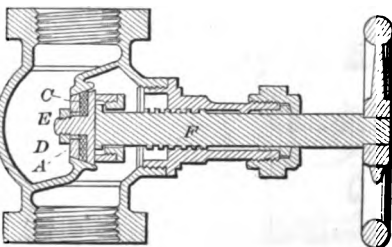
**75669**—J. D. De Turk—*Cultivator Teeth.*



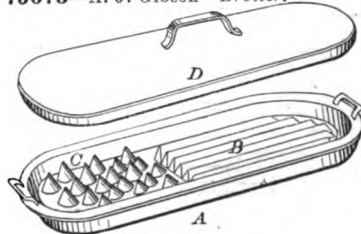
**75672**—H. H. Ebaugh—*Mucilage Bottle.*



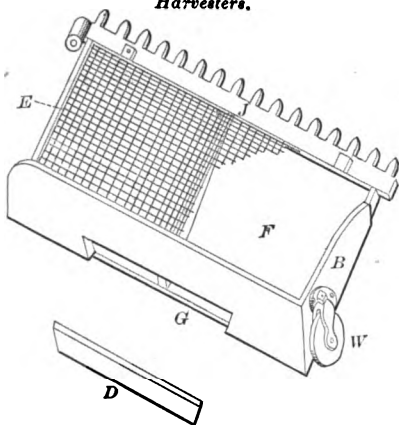
**75670**—F. Douglass—*Globe Valve.*



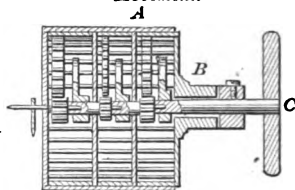
**75673**—A. J. Gibson—*Broiler.*



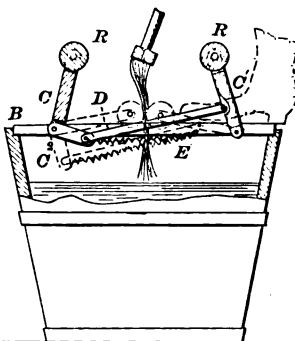
**75674—A. E. Gleason—Grain Platform for Harvesters.**



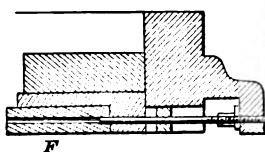
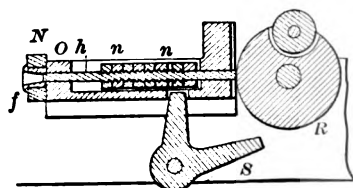
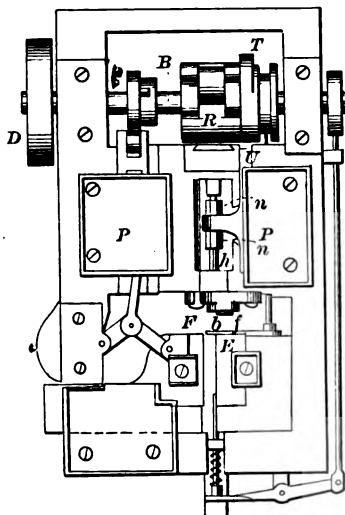
**75676—W. F. Goodwin—Mechanical Movement.**



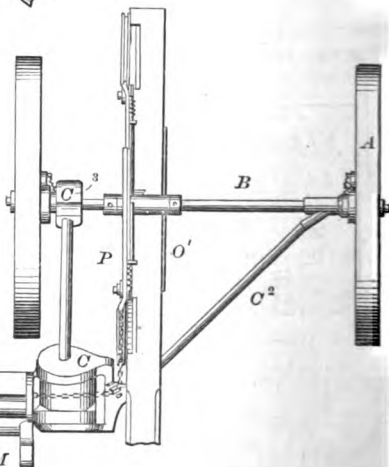
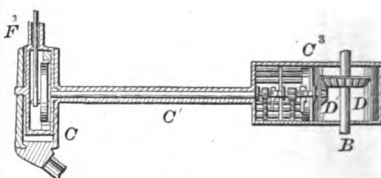
**75679—J. H. Gridley—Mop Wringer.**



**75675—A. B. Glover—For Heading Bolts.**



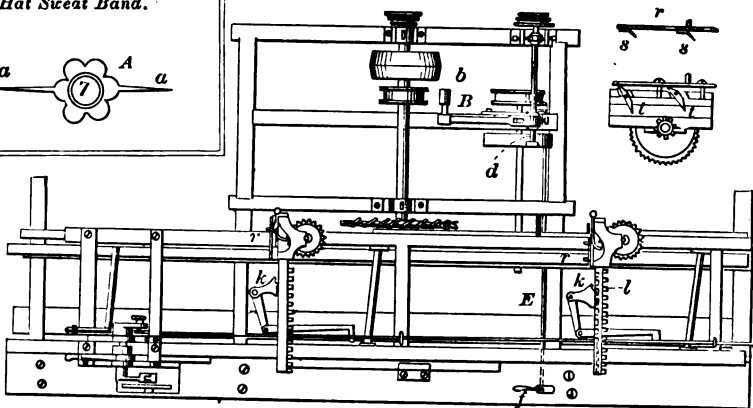
**75677—Goodwin & Smith—Harvester.**



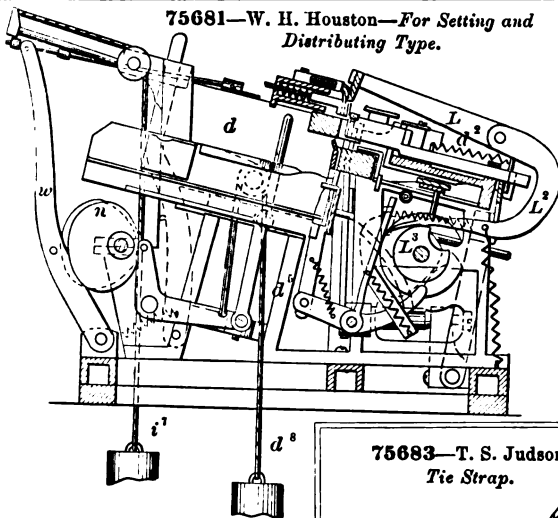
**75685—Lawrence & Murfey—  
Hat Sweat Band.**



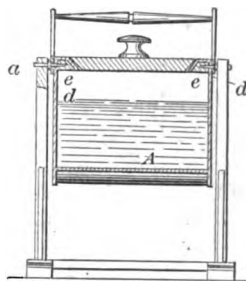
**75678—H. H. Gridley—Saw Mill.**



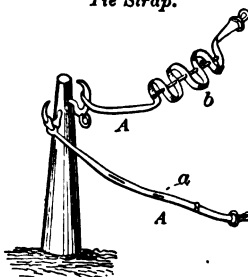
**75681—W. H. Houston—For Setting and  
Distributing Type.**



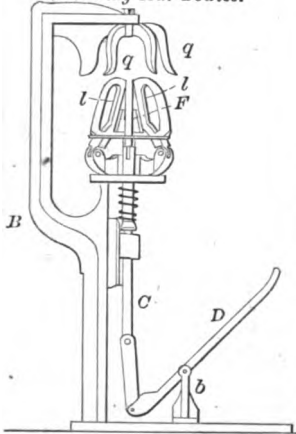
**75680—F. W. Heins—  
Washing Machine.**



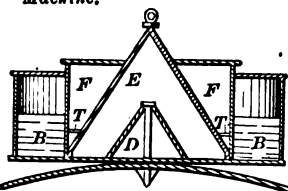
**75683—T. S. Judson—  
Tie Strap.**



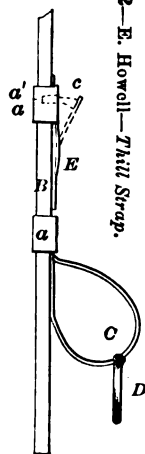
**75684—P. Keffler—For  
Stretching Hat Bodies.**



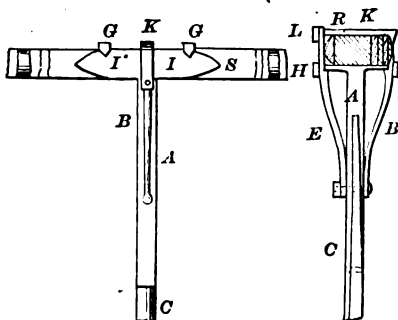
**75687—A. Mackey—Centrifugal  
Machine.**



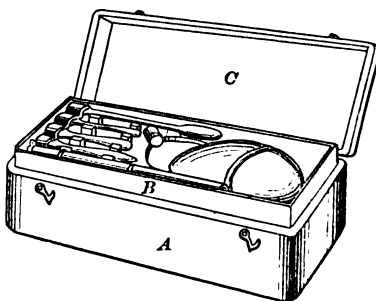
**75682—E. Howell—Tie Strap.**



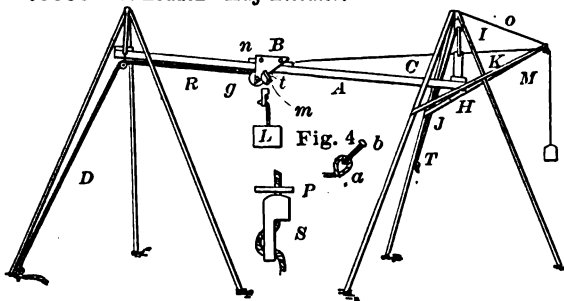
**75688—D. A. Mathews—***Carriage Perch Connection.*



**75689.—M. Mattson—Syringe Case.**



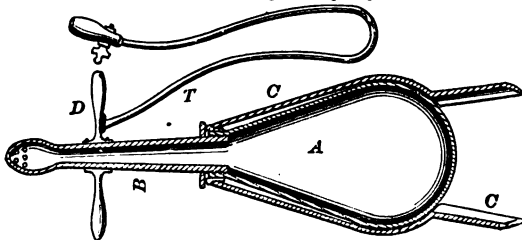
**75686**—W. Loudon—*Hay Elevator.*



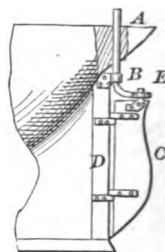
75091—S. T. Merrill.—Bleaching Paper Stock.

**75091—S. T. Merrill—Bleaching Paper Stock.**

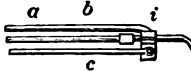
**75693—J. A. Morrell—Vaginal Syringe.**



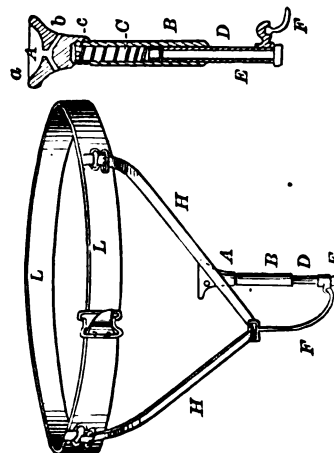
**75696.—T. W. Murrey—**  
*Rudder.*



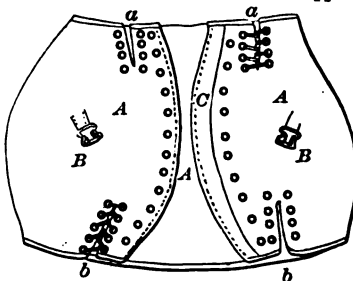
**75692—Minor & Frost—  
Umbrella.**

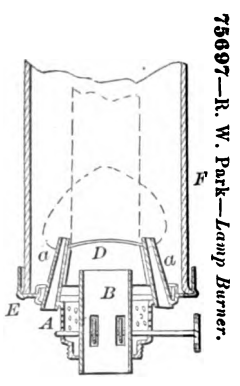


25694—J. A. Morrell—Uterine Supporter.

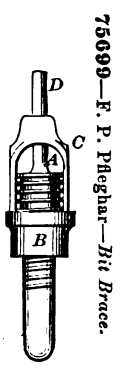
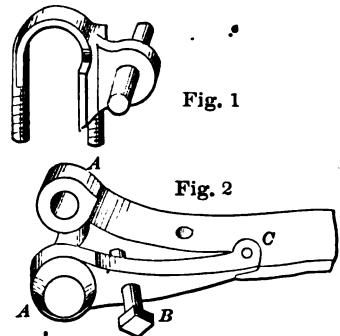


**75695—J. A. Morrell—Abdominal Supporter.**

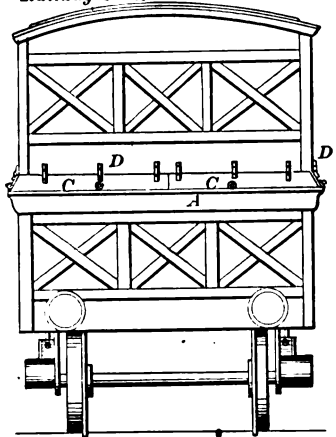




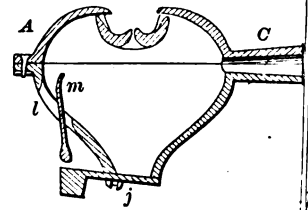
**75698**—G. Pennoyer—*Thill Coupling.*



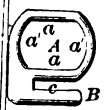
**75701**—W. Reid—*Supplying Cattle on Railway Cars.*



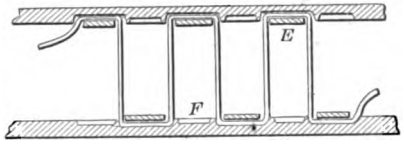
**75703**—J. W. Rogers—*Tuyere.*



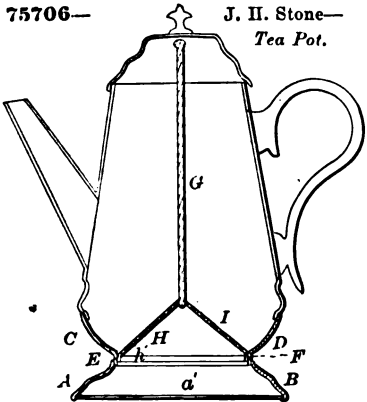
**75705**—J. L. Sheppard—*Cotton Bale Tie.*



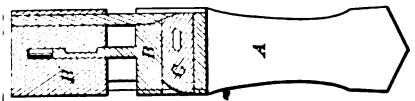
**75704**—E. Schmeltz—*Belt Fastening.*



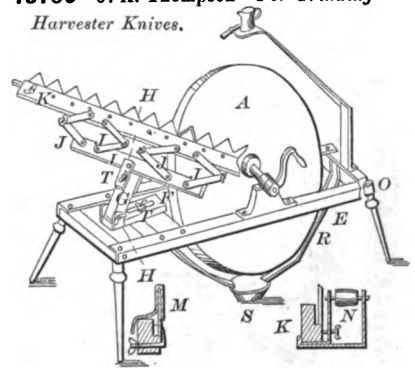
**75706**—J. H. Stone—*Tea Pot.*



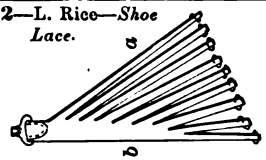
**75708**—H. M. Stow—*Well Drill.*



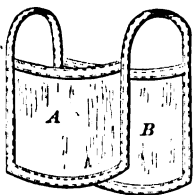
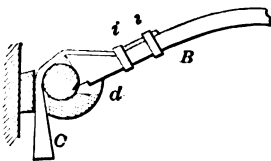
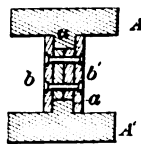
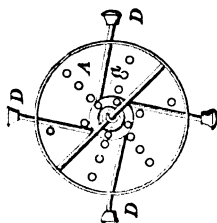
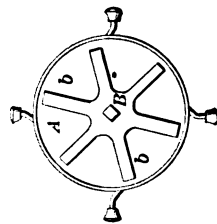
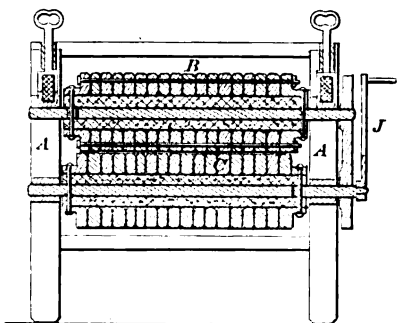
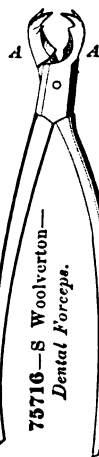
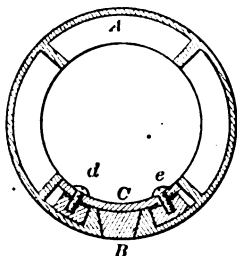
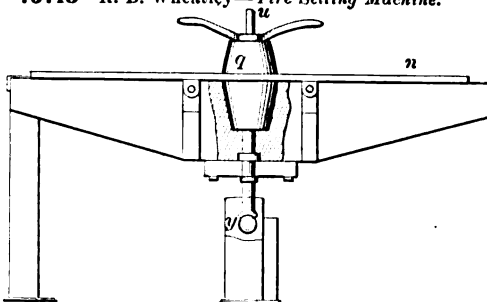
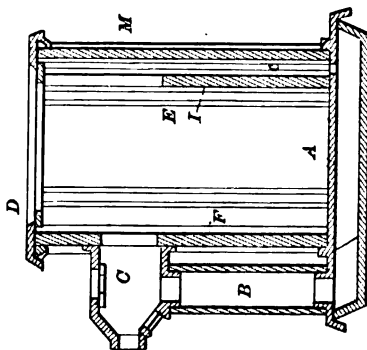
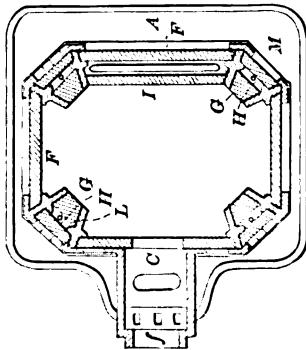
**75709**—J. A. Thompson—*For Grinding Harvester Knives.*



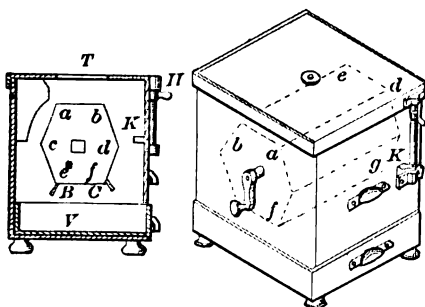
**75702**—L. Rice—*Shoe Lace.*



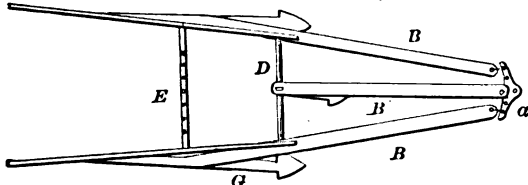


75710—J. W. Torrey—*Body Protector.*75711—J. P. Tyson—*Carriage Thill.*75712—Walters & Shaffer—*Beam Fugot.*75707—W. M. Storm—*Clothes Wringer.*75717—W. R. Worden—*Sprinkler.*75716—S. Woolverton—*Dental Forceps.*75712—J. Wheelock—*Piston.*75713—R. B. Whentley—*Tire Setting Machine.*75715—C. Williams—*Coal Stove.*

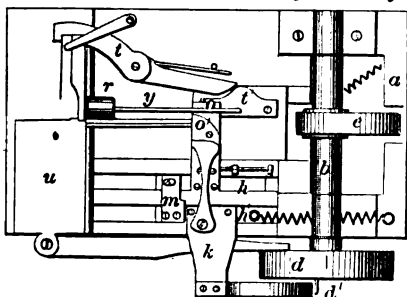
75719—S. Albee—Parlor Coal Sifter.



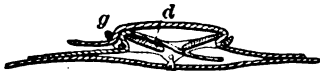
75718—W. R. Adams—Corn Cultivator.



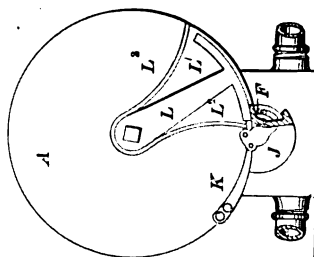
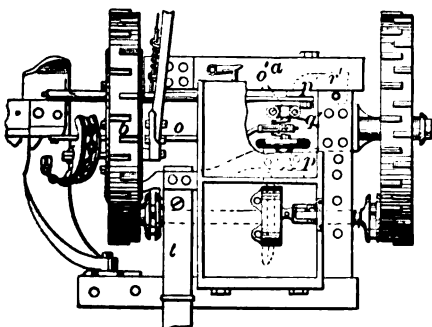
75724—H. D. Blake—For Making Butt Hinges.



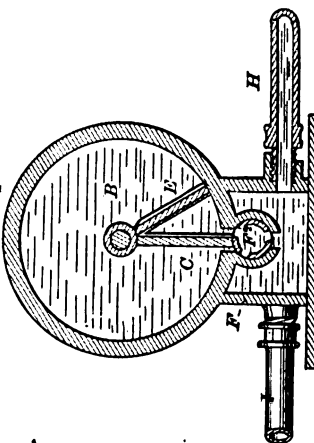
75722—W. Babin—Buckle.



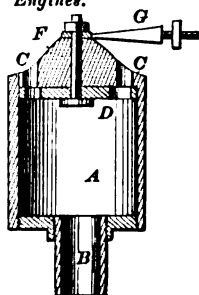
75720—W. Allen—Mowing Machine.

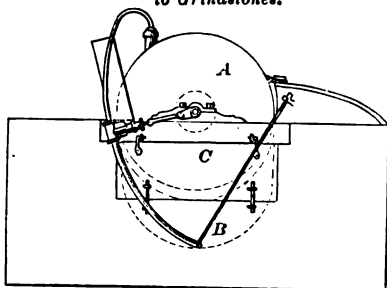
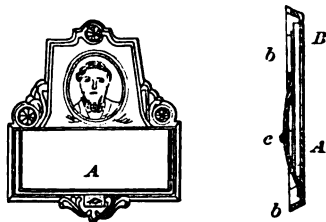
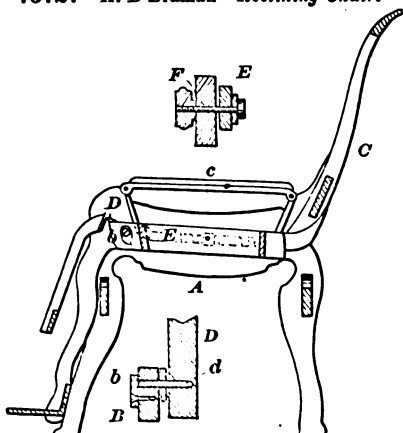
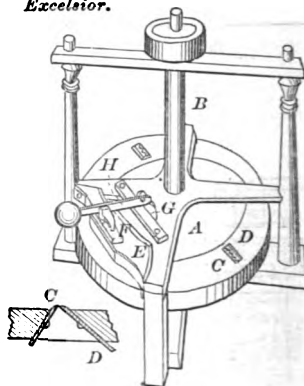
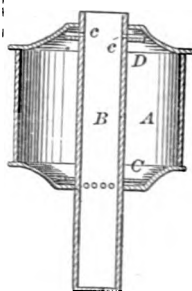
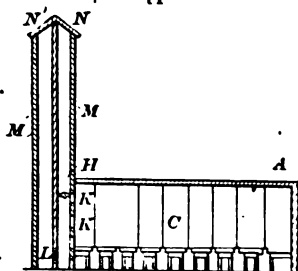
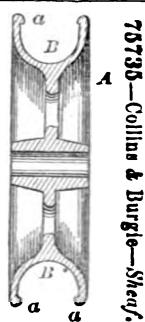
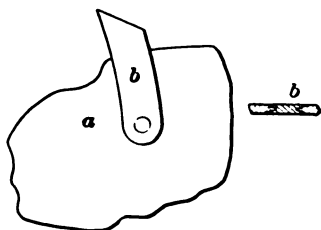
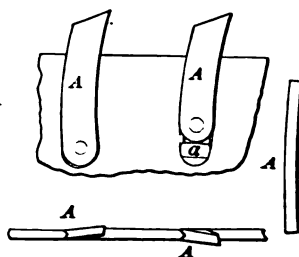


75721—R. H. Atwell—Liquid Meter.

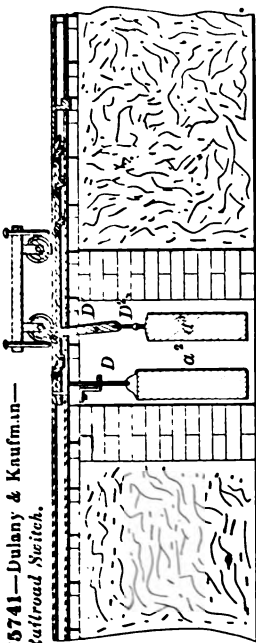
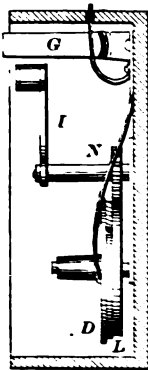
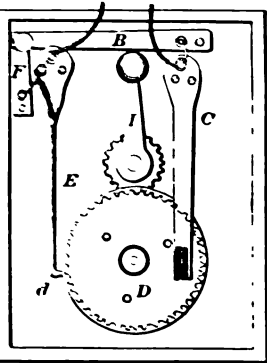
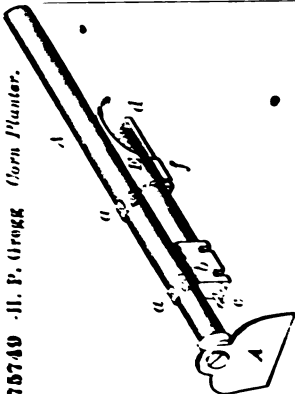
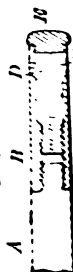
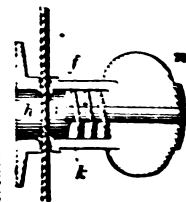
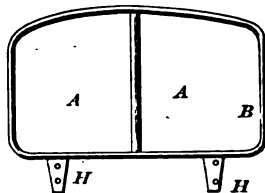
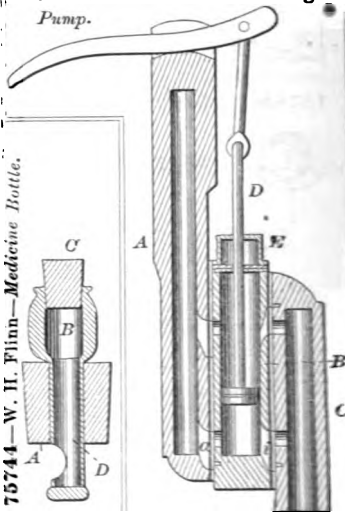
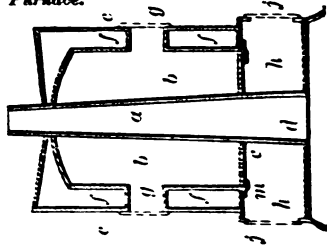


75723—J. H. Baker—Variable Exhaust for Engines.

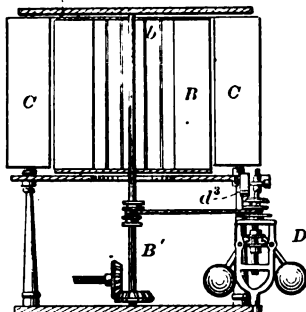
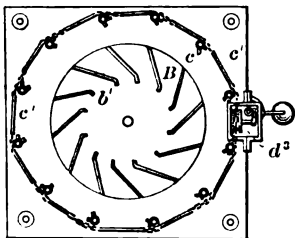


75725—F. Blauss—*For Supplying Water to Grindstones.*75726—G. Brabrook—*Name Plate.*75727—H. B. Braman—*Reclining Chair.*75728—Brooks & Clement—*For Making Excelsior.*75730—S. H. Clapp—*Brick Kila.*75731—H. M. Clark—*Lamp.*75732—Collins & Burtle—*Sheaf.*75734—W. Clemson—*Saw.*75733—W. Clemson—*Saw.*

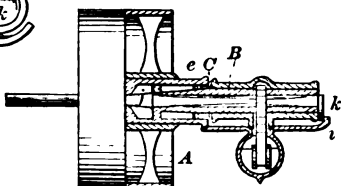


75741—Dulany & Kaufman—  
Railroad Switch.75743—L. B. Firman—*Electric Commutator.*75749—H. P. Gregg—*Corn Planter.*75745—W. H. Flinn—*Medicine Bottle.*75751—H. C. Griffin—*Billiard Cue.*75750—W. D. Grilley—*Curtain Fixture.*75746—Franklin & Smith—  
Carriage Dash Board.75747—Gilliland & Armstrong  
Pump.75744—W. H. Flinn—*Medicine Bottle.*75748—W. C. Googins—*Stove and Furnace.*

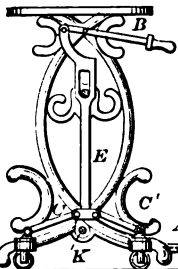
75752—E. J. Hall—Wind Wheel.



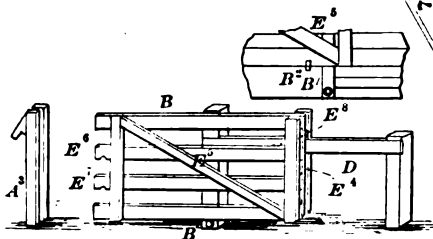
75753—W. Hamilton—For Oiling Pulleys.



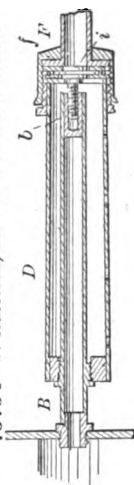
75755—R. Hathaway—Sewing Machine Caster.



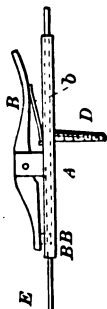
75756—H. A. Henderson—Farm Gate.



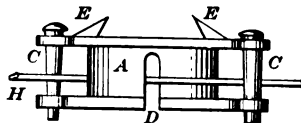
75754—J. Harrison, Jr.—Low Water Detector.



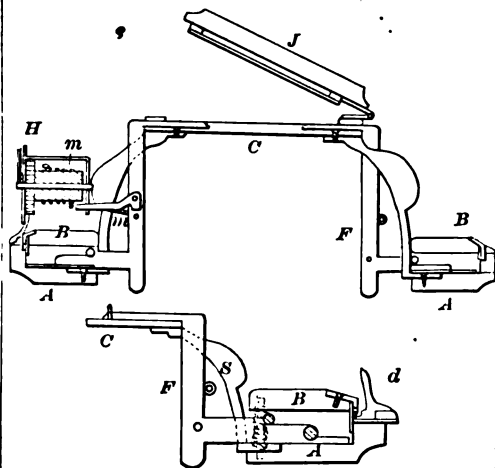
75757—L. Herr—Trace Fastener.



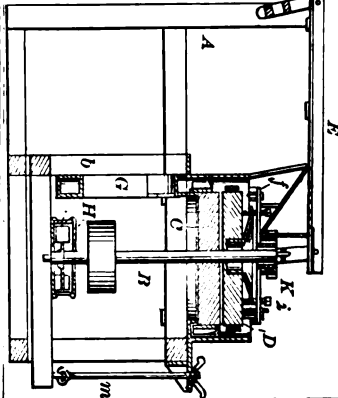
75750—S. B. Hewett, Jr.—Wire Fence Key.



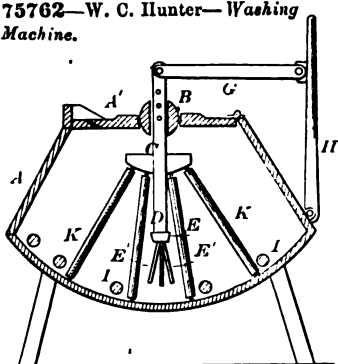
75760—B. Hogan—Hat Conformer.



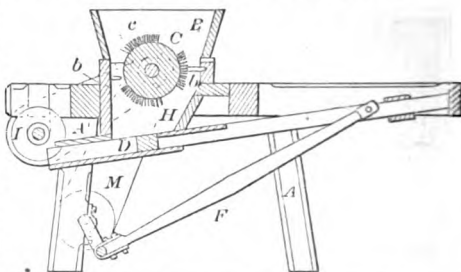
75761—A. Hubbell—For Hulling Grain.



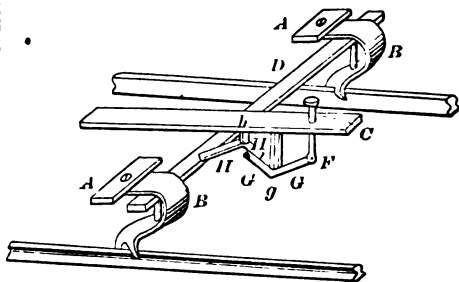
**75762—W. C. Hunter—Washing Machine.**



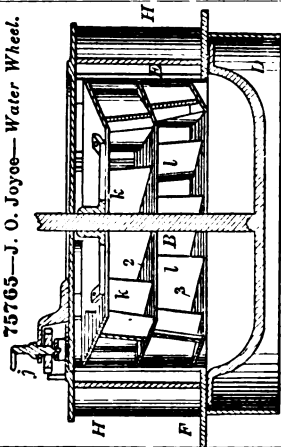
**75763—C. W. Englis—For Preparing Peat.**



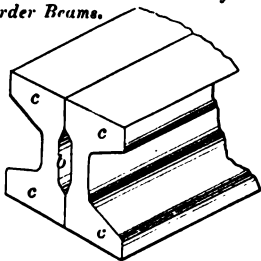
**75764—J. W. A. Jones—Street Railway Scraper.**



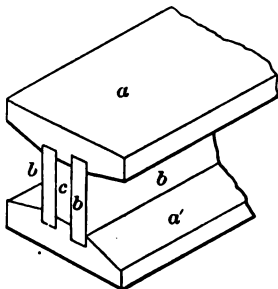
**75765—J. O. Joyce—Water Wheel.**



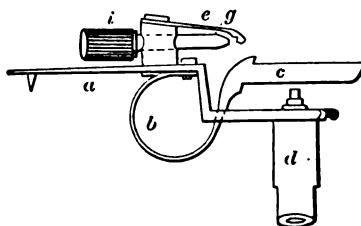
**75770—A. Kloman—Pile for Girder Beams.**



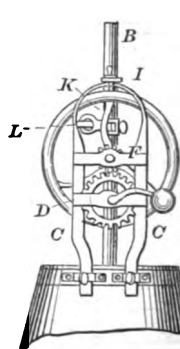
**75769—A. Kloman—Pile for Girder Irons.**



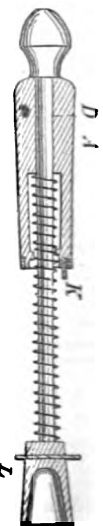
**75771—C. Knisely—Burglar Alarm.**



**75768—N. Kirchner—For Fastening Shoes.**

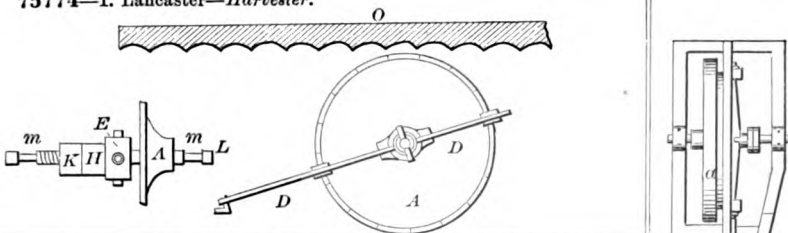


**75772—W. Lamb—Chain.**

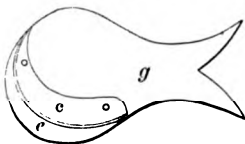


**75767—K. W. Keyes—Torpedo Toy Gun.**

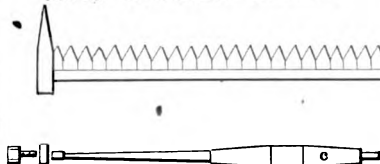
75774—I. Lancaster—*Harvester.*



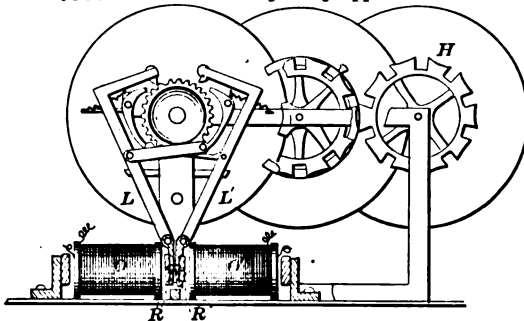
75779—G. I. Mason—*Heel Seat.*



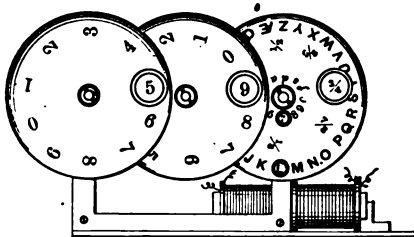
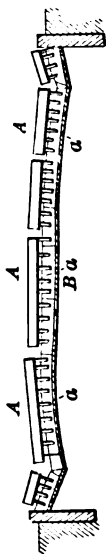
75773—I. Lancaster—*Harvester.*



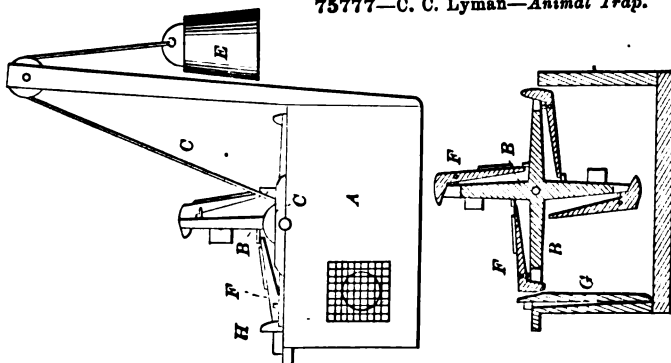
75775—S. S. Laws—*Signaling Apparatus.*



75780—H. McDougall—*Wooden Pavement.*

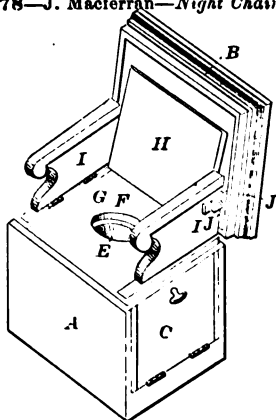


75777—C. C. Lyman—*Animal Trap.*

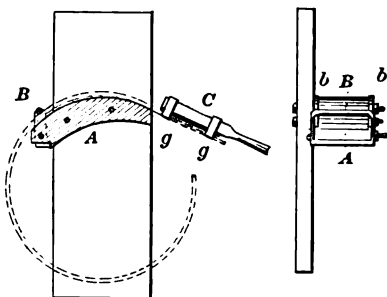




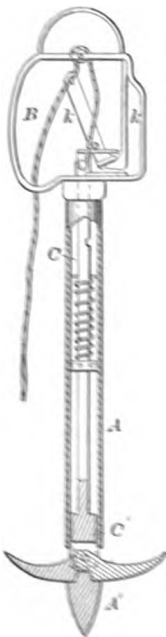
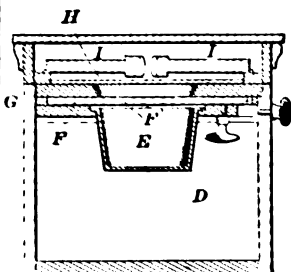
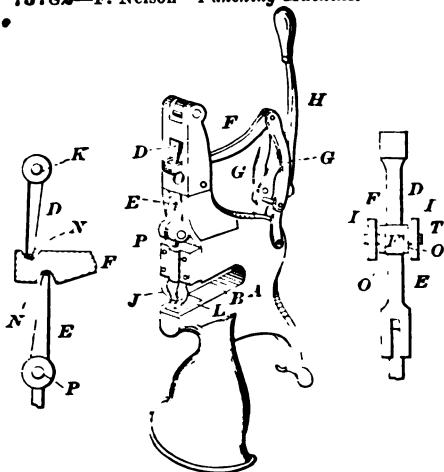
75778—J. Macferran—Night Chair.



75781—J. Naylor—For Bending Tires.

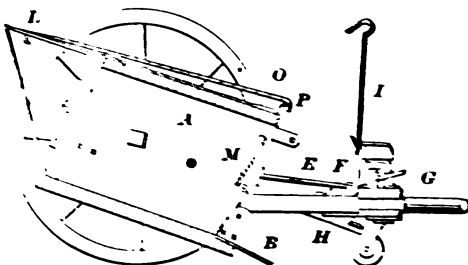
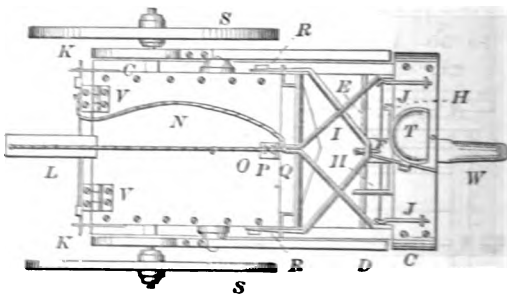


75782—F. Nelson—Punching Machine.



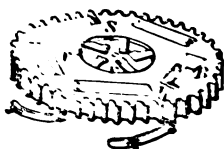
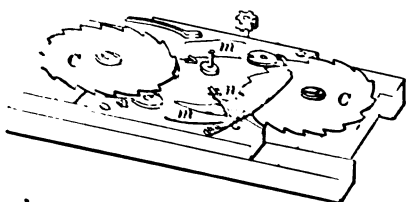
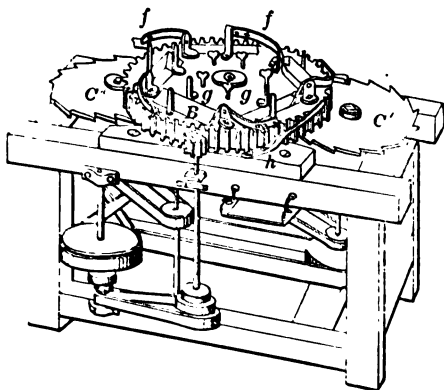
75780—O. Padlock—Horn Hog Fork.

75783—W. T. Nichols—Excavator.

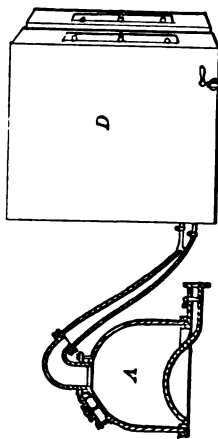




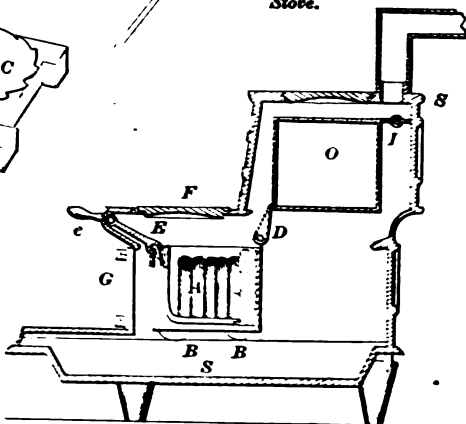
75793—A. G. Ritz—Shingle Machine.



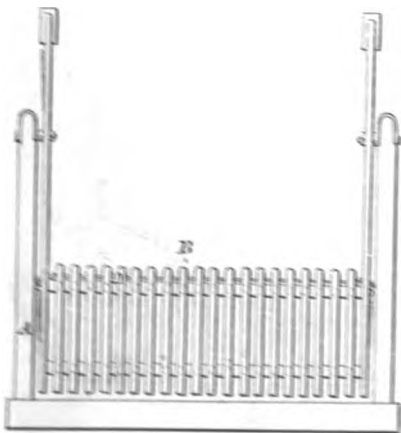
75794—L. S. Robbins—Preserving Animal Skins.



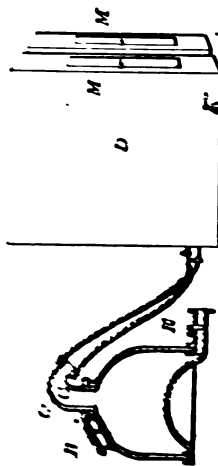
75791—L. T. Pyott—Cooking Stove.



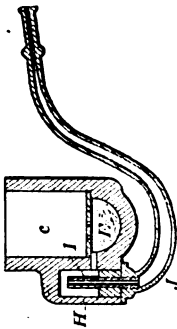
75792—H. W. Riley—Gate.



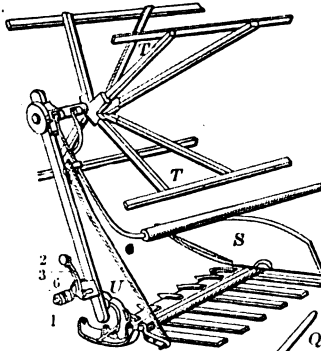
75795 L. S. Robbins—Oiling Leather.



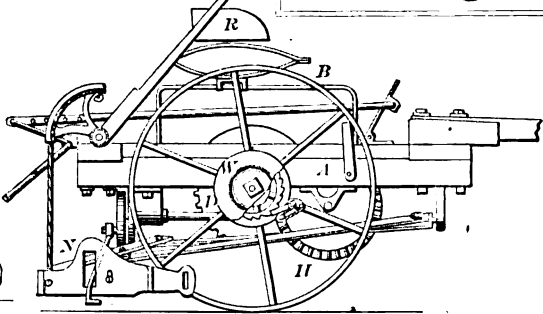
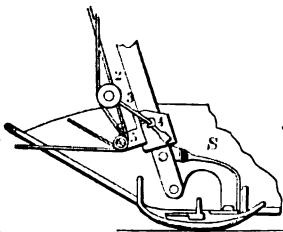
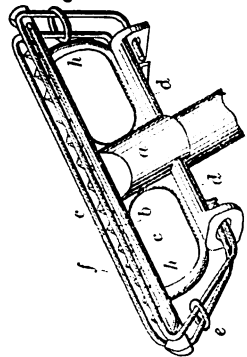
75799—F. Saunders—Smoking Pipe.



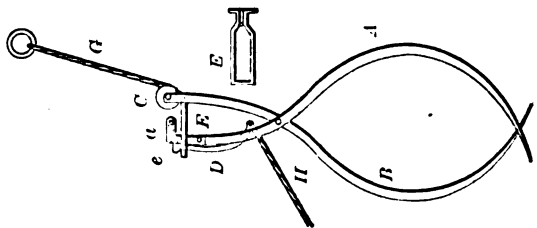
75797—Russell & Miller—Harvester.



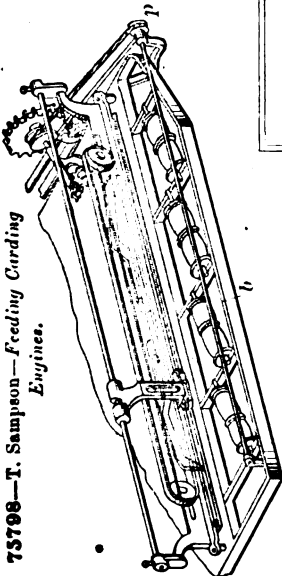
75796—W. A. Robinson—Mop Head.



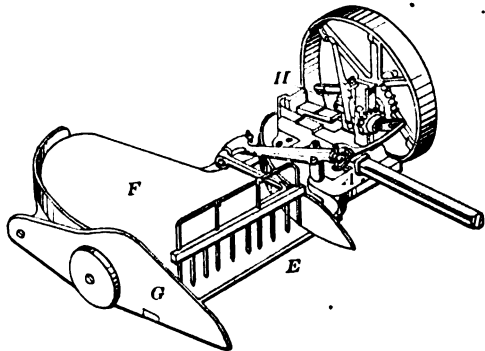
75800—W. Scholl—Horse Hay Fork.



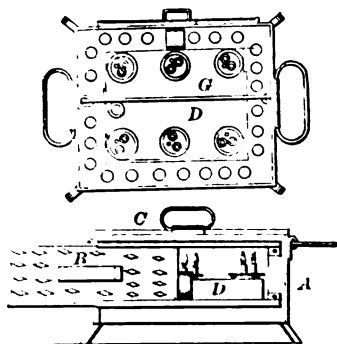
75798—T. Sampson—Feeding Carding Engines.



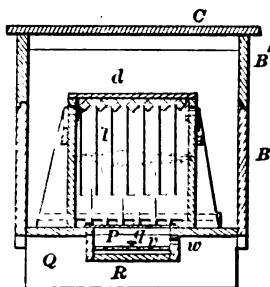
75801—Seymour & Palmer—Harvester, Rake.



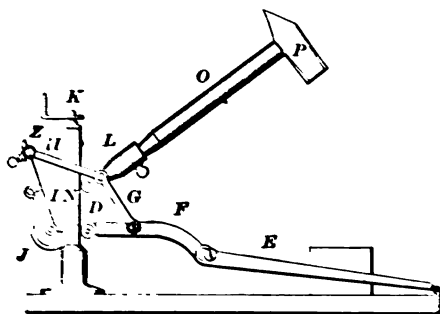
**75802—E. Small—Heater, Lamp and Foot Warmer.**



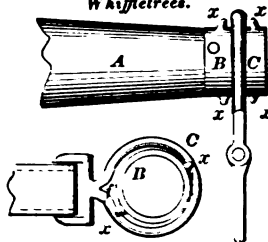
**75804—M. S. Snow—Beehive.**



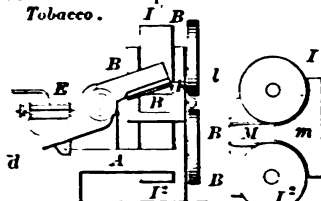
**73808—A. Strube—Power Hammer.**



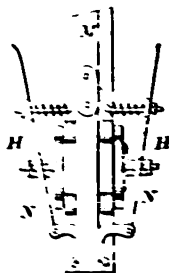
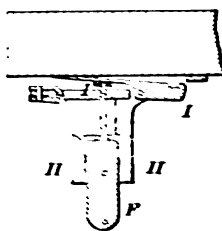
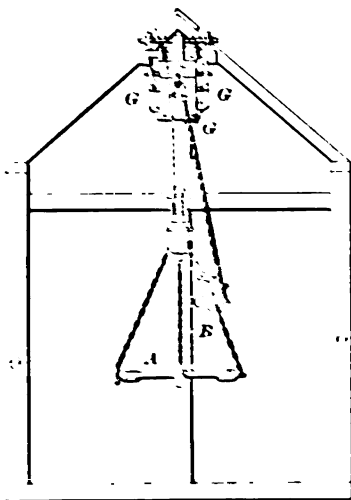
**75803—S. Smith—Attaching Traces to Whiffletrees.** *See* 75802



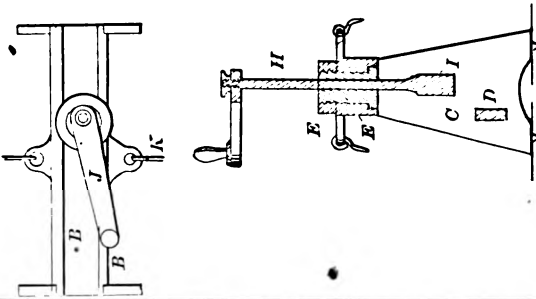
**75805—L. W. Spencer—For Cutting Tobacco. I B—**



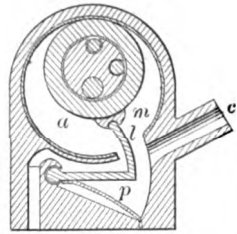
**73810—J. B. Summerill—*Hay Elevator.***



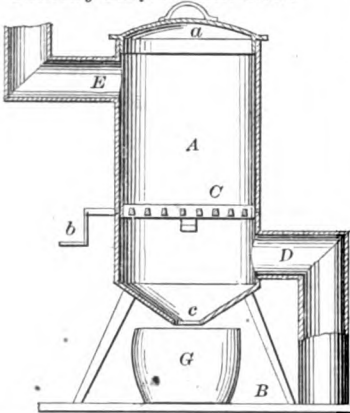
75813—J. B. Thorp—Wood Boring Machine.



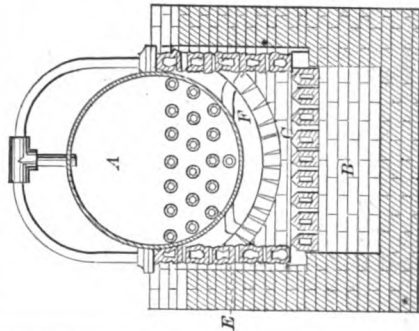
75811—J. A. Talpey—Rotary Pump.



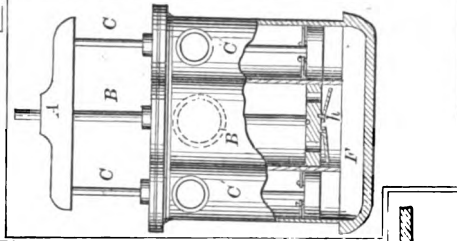
75809—Sturdevant & Harmon—Removing Tin from Sheet Metal.



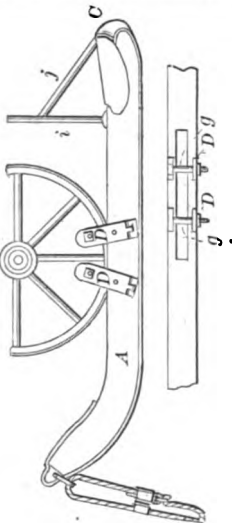
75817—R. L. Walker—Steam Boiler Furnace.



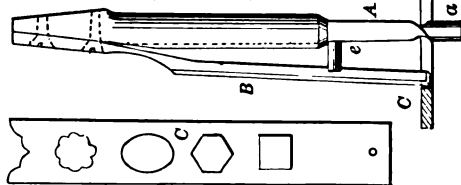
75819—S. White—Pump.



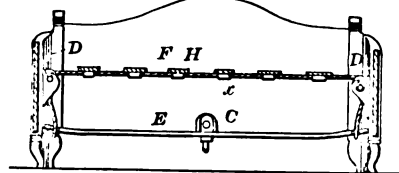
75812—B. Thompson—Runner for Wheeled Vehicles.



75816—F. Vester—Drill.



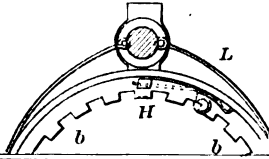
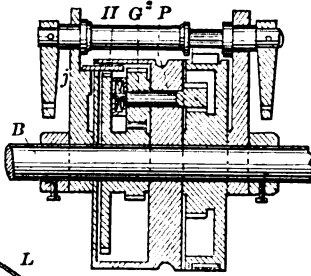
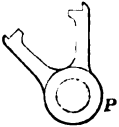
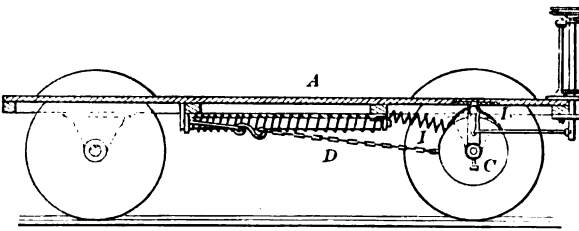
75820—J. D. Wilkinson—Bed Bottom.



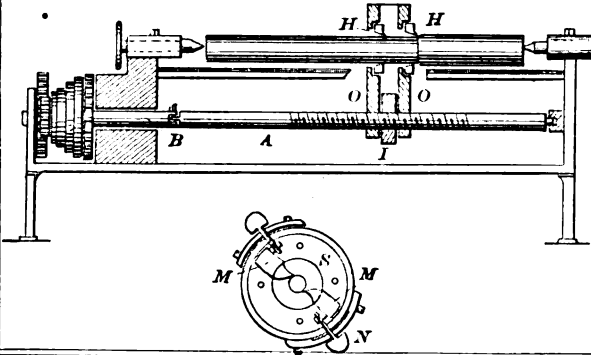
75814—H. Turner—Spring Chain.



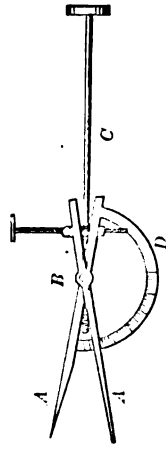
75818—J. B. Waring—Car Starting Apparatus.



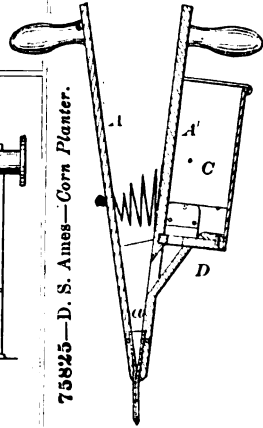
75822—F. Zibell—Turning Lathe.



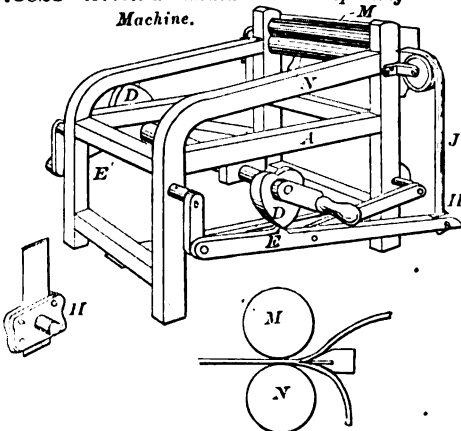
75824—Achelis &amp; Poppenhusen—For Measuring Distances.



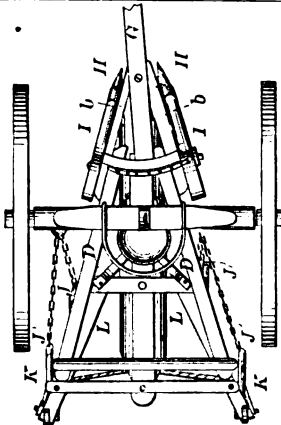
75825—D. S. Ames—Corn Planter.



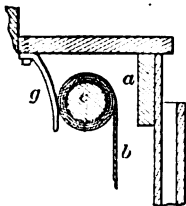
75823—Abbott &amp; Marden—Leather Splitting Machine.



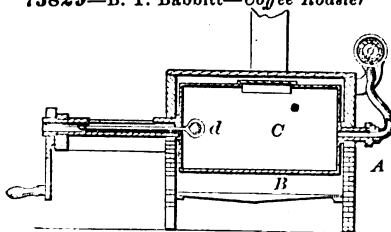
75826—B. Anyan—Cultivator.



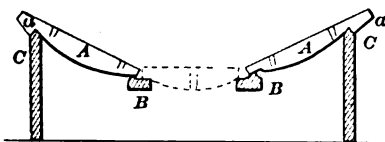
75821—A. Young—Curtain Fixture.



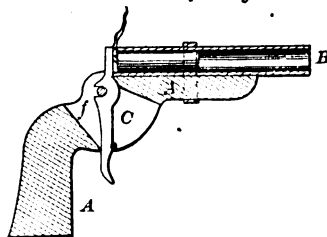
75829—B. T. Babbitt—Coffee Roaster



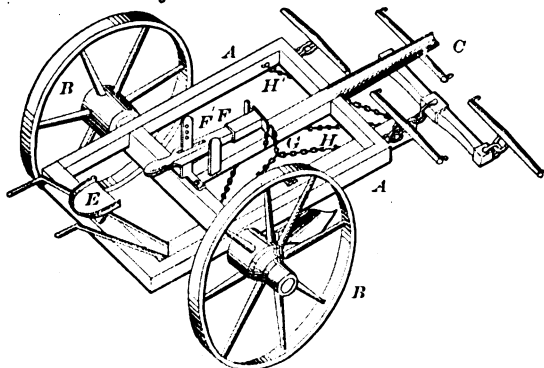
75830—J. L. Babbitt—Gate.



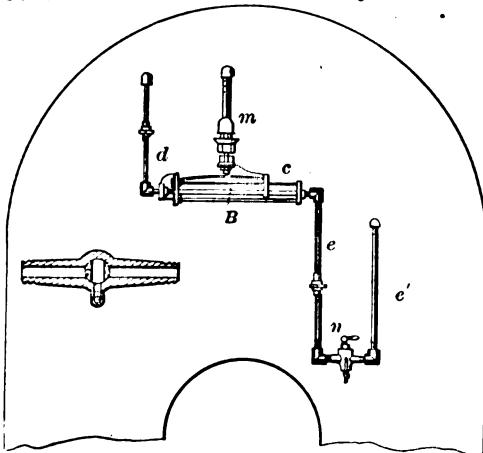
75831—J. W. Bailey—Toy Pistol.



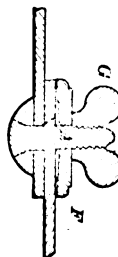
75832—C. N. Bakewell—Sulky Plow and Harrow.



75833—T. C. Banks—Boiler Alarm Gauge.

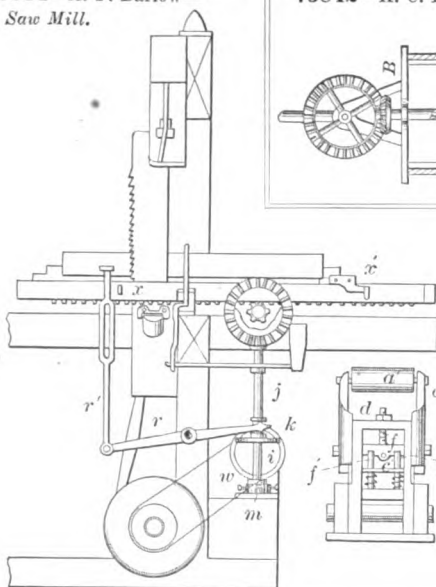


75827—J. Atkins—Calipers.

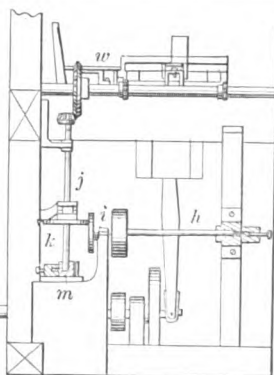
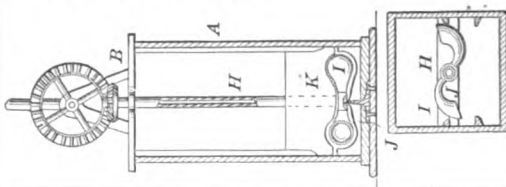




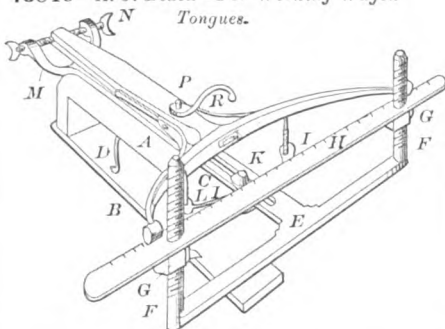
75834—A. P. Barlow—  
Saw Mill.



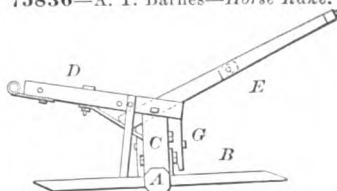
75842—H. C. Bell—Churn.



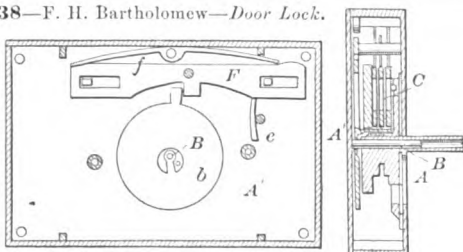
75840—A. J. Beach—For Working Wagon  
Tongues.



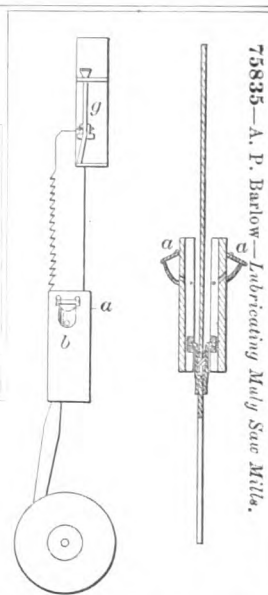
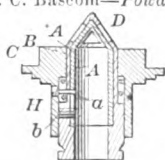
75836—A. T. Barnes—Horse Rake.



75838—F. H. Bartholomew—Door Lock.

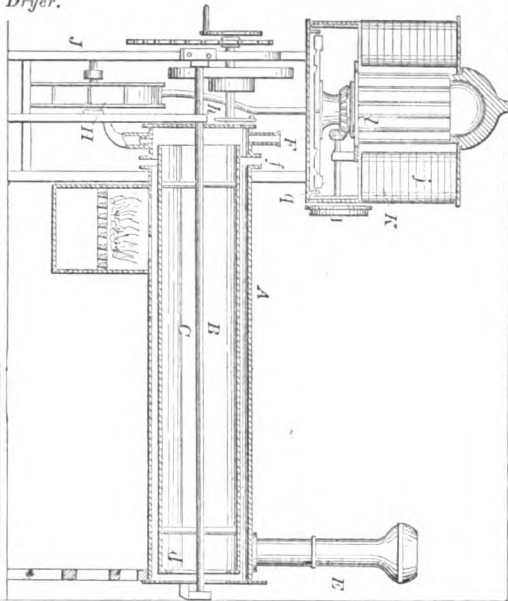
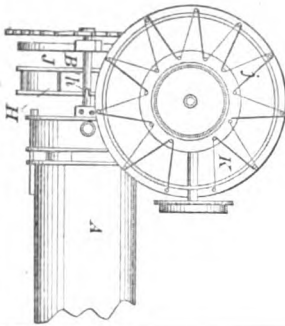


75839—H. C. Bascom—Powder Flask  
Charger.

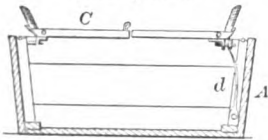


75835—A. P. Barlow—Lubricating Moly Sine Mills.

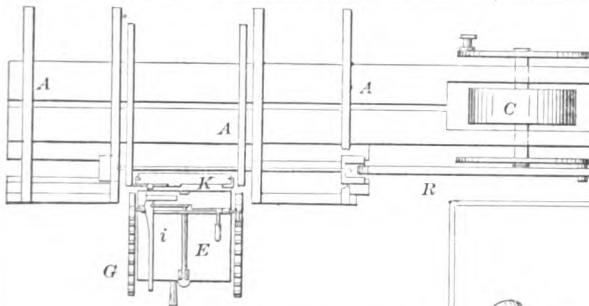
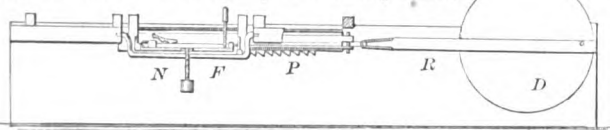
75844—Bingham & Hunt—Grain Dryer.



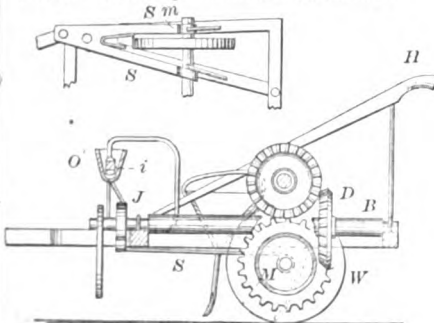
75841—S. N. Beecher—Carriage.  
Sliding Seat.



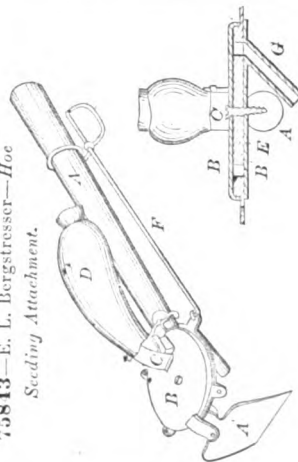
75846—W. R. & O. D. Bishop—For Sawing Staves.



75845—L. Bishop—Cultivator and Seeder.

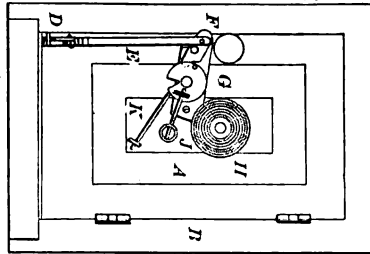
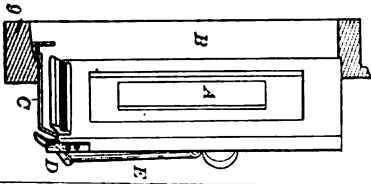


75843—E. L. Bergstresser—Hoe  
Seeding Attachment.

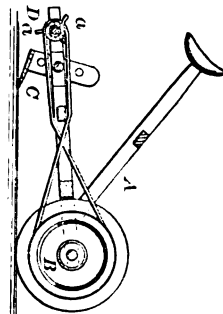
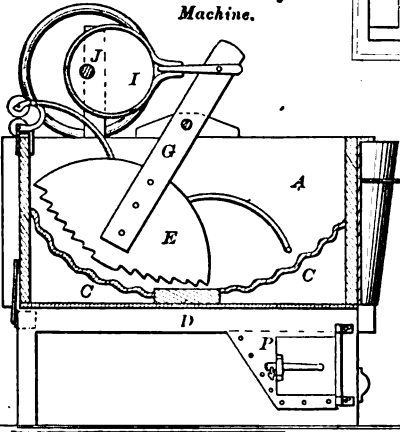




75857—G. W. Carpenter—Weather Strip and Door Alarm.

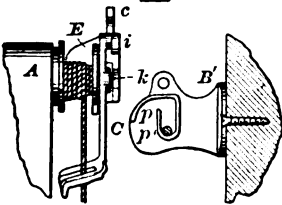
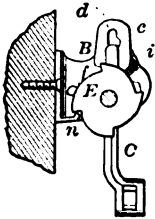


75859—J. F. Chambers—Washing Machine.

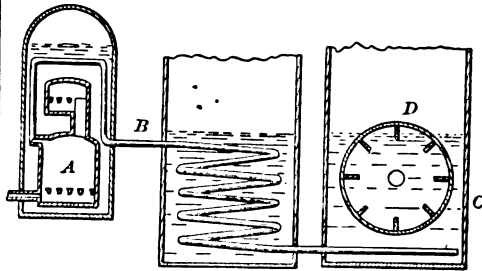


75858—N. & C. Carsons—Weeding Machine.

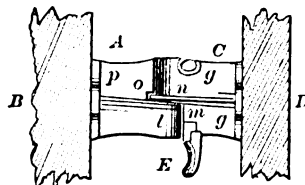
75860—J. Chase—Curtain Fixture.



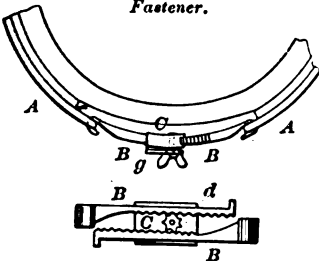
75861—W. W. Chipman—Manufacture of Whiting.



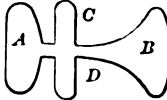
75862—C. B. Clark—Blind Hinge.



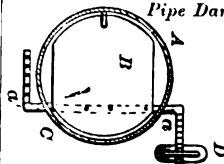
75864—E. A. Cooper—Hames Fastener.



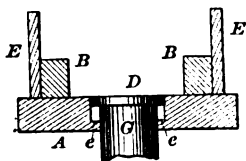
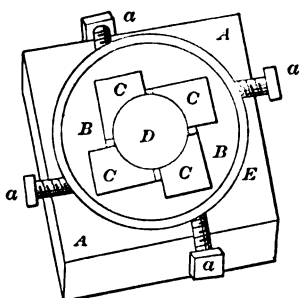
75856—W. B. Cargill—Corset Clasp.



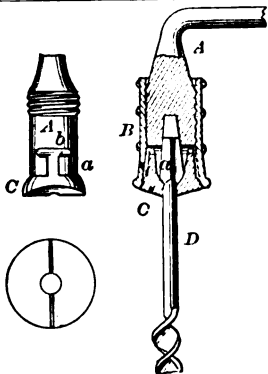
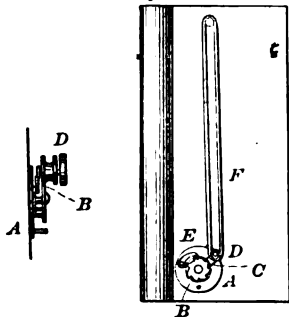
75863—A. Cotton—Stove Pipe Damper.



75865—C. Corbit—Mill Step.

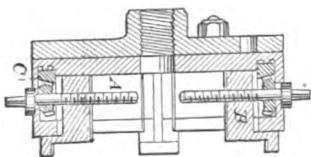


75869—T. Curley—Curtain Fixture.

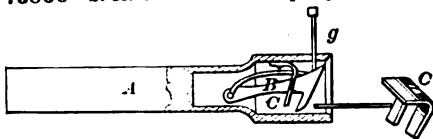


75870—C. M. Daboll—Bit Brace.

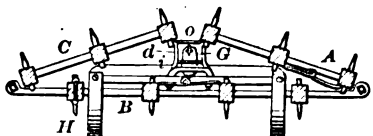
75872—F. Davison—Luthe Chuck.



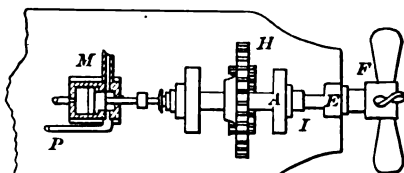
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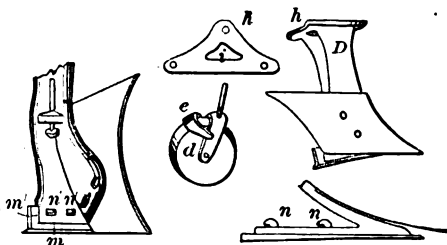
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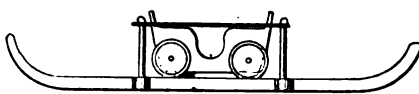
75868—J. B. Cullen—Marine Steam Governor.



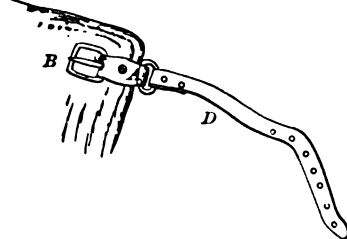
75871—G. J. Dahl—Gang Plow.



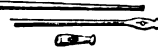
75876—B. Douglas—Toy Railroad.



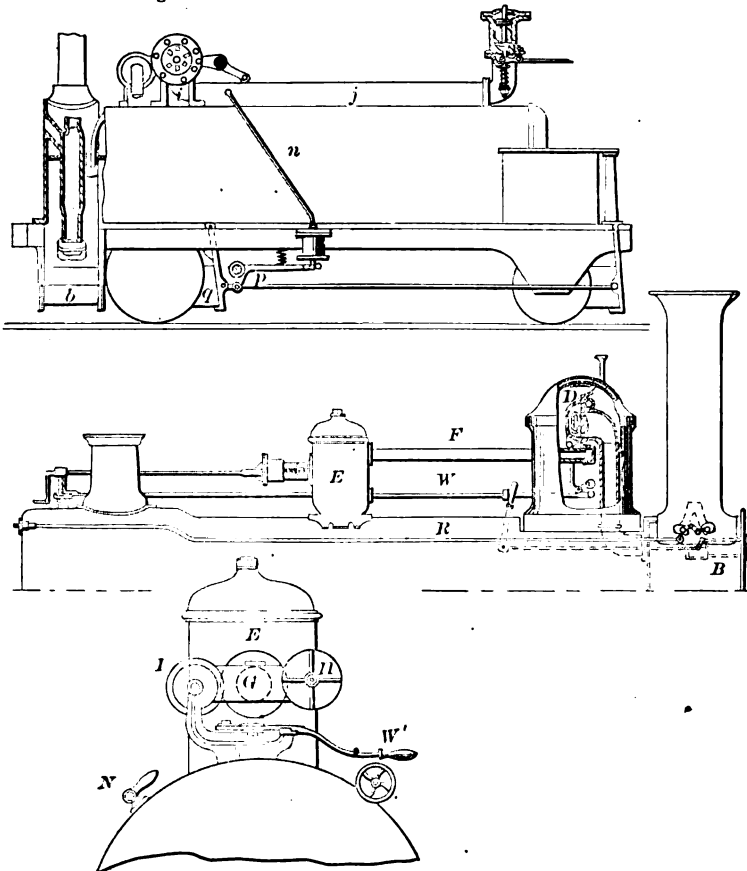
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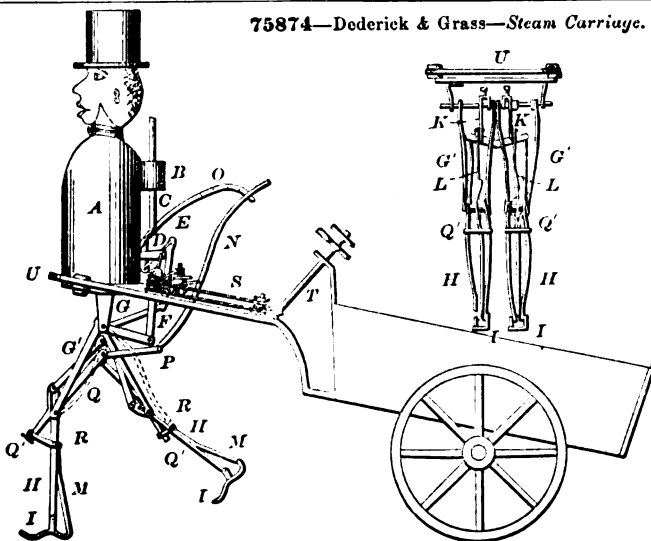
75875—J. M. Doubleday—Umbrella Frame.

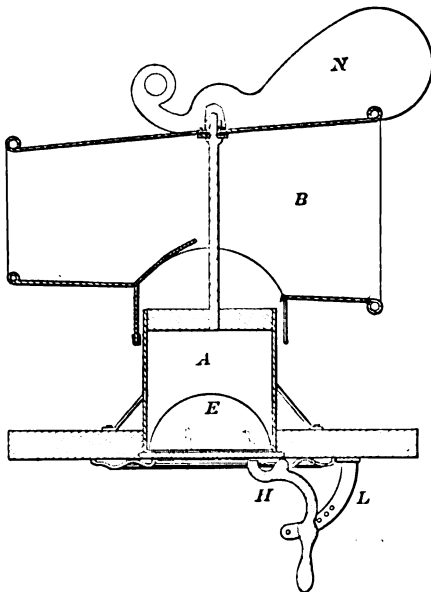
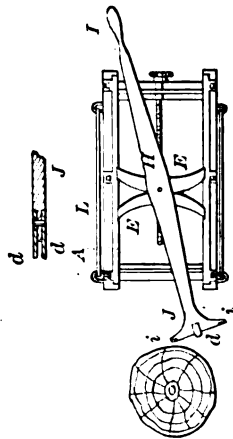
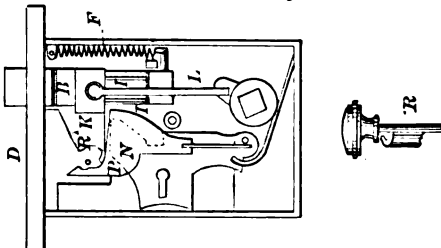
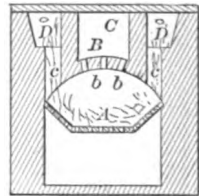
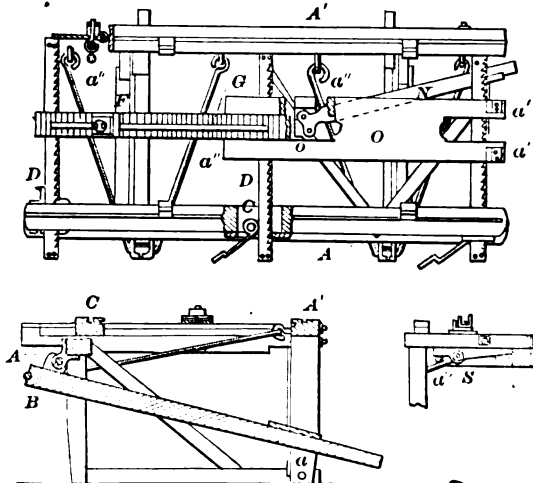


75873—A. De Bergue—*Locomotive Brake*.

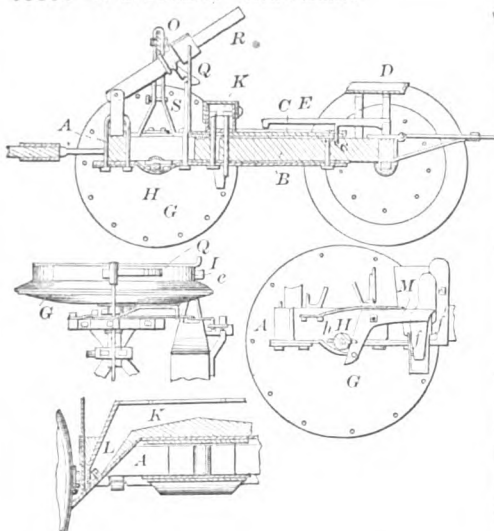


75874—Dederick & Grass—*Steam Carriage*.

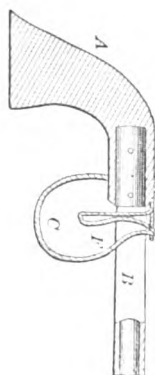


75878—I. Dripps—*Railroad Car Ventilator.*75882—A. Edwards—*For Felling Trees.*75879—S. W. Drowne—*Locking Knob Latch.*75881—Duryea & Ennis—*Furnace.*75880—E. F. Dunaway—*Door and Sash Clamp.*

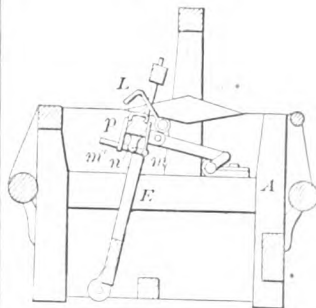
75883—R. S. Edwards—*Corn Planter.*



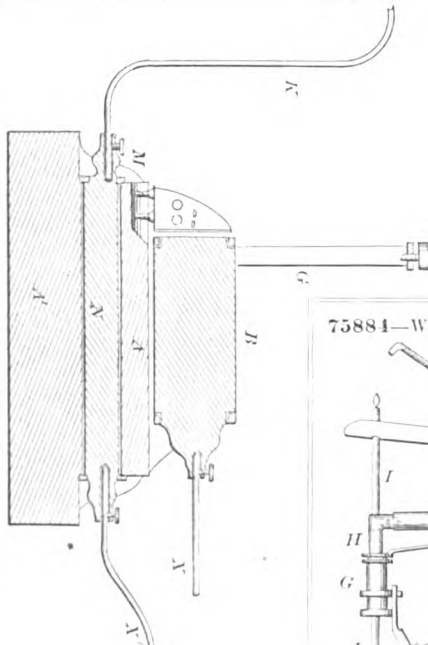
75885—W. H. Emory—*Toy Pistol.*



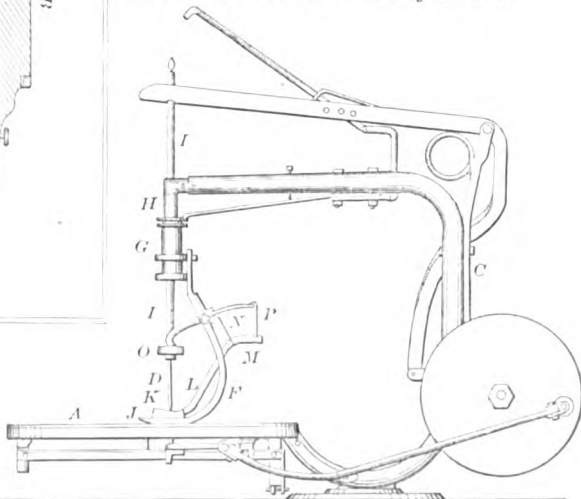
75888—J. C. Fifield—*Stop Motion for Looms.*



75886—L. H. Everitt—*Acoustic Telegraphing.*



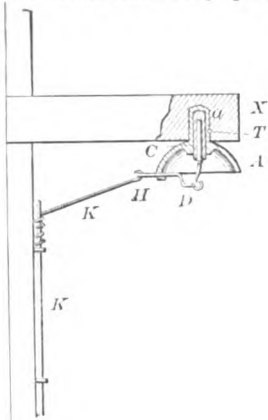
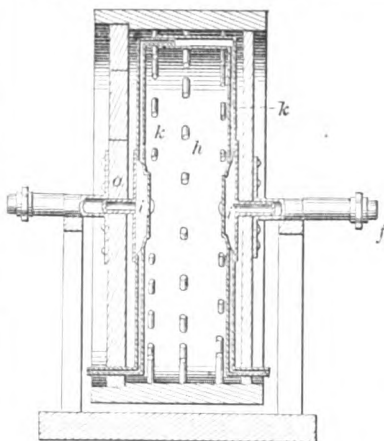
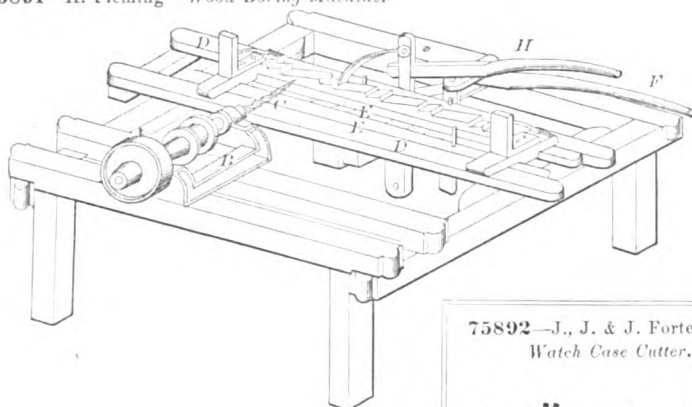
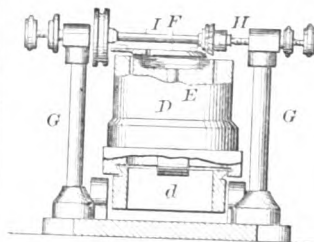
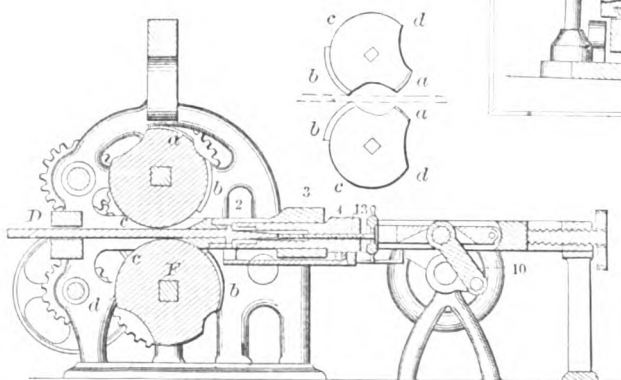
75884—W. St. G. Elliott—*Sewing Machine.*



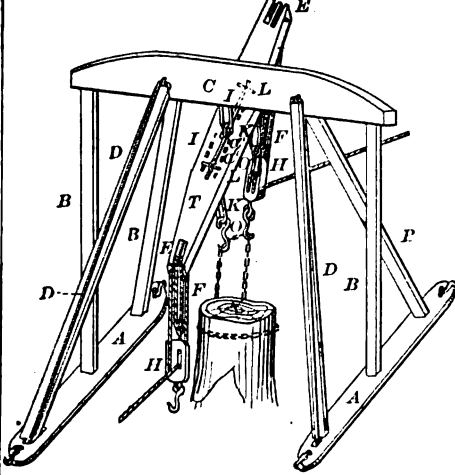
75887—M. Falk—*Packing Tobacco.*



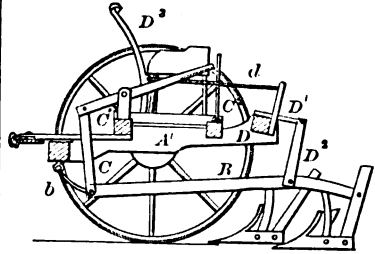


75889—J. L. Finn—*Telegraph Insulator.*75890—F. Fischer—*For Stuffing Leather.*75891—H. Fleming—*Wood Boring Machine.*75892—J., J. & J. Fortenbach—*Watch Case Cutter.*75893—B. W. Foster—*For Making Carriage Axles.*

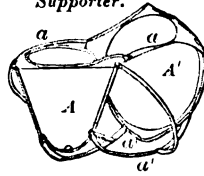
75894—C. E. Galligan—*Stump Extractor.*



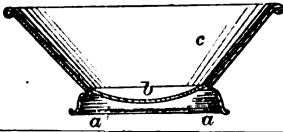
75895—Gatlin & Hubbard—*Gang Plow.*



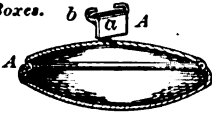
75902—E. J. Harding—*Uterine Supporter.*



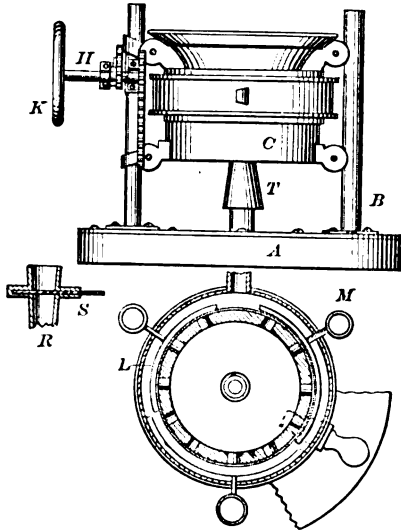
75896—Gilbert & Soffield—*Wash Bowl.*



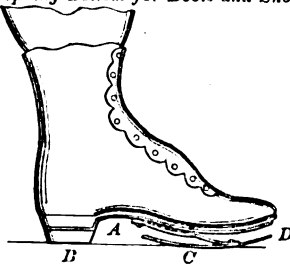
75903—C. J. Hauck—*Hinge for Sheet Metal Boxes.*



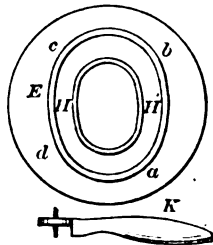
75899—Grunert & Bingham—*Flue Brazier.*



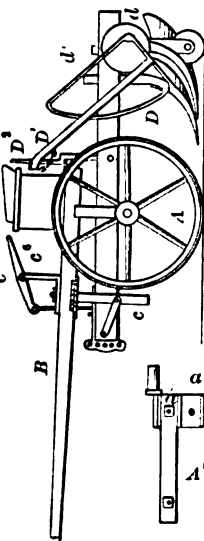
75900—Hale & Hubbell—*Spring Bottom for Boots and Shoes.*



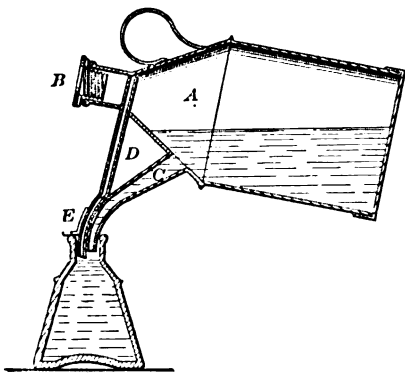
75897—F. R. Going—*For Shaping Hats.*



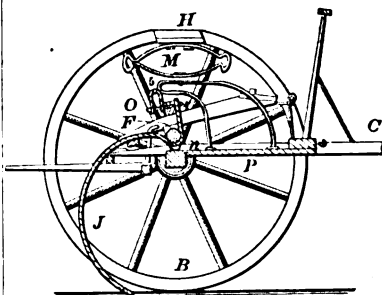
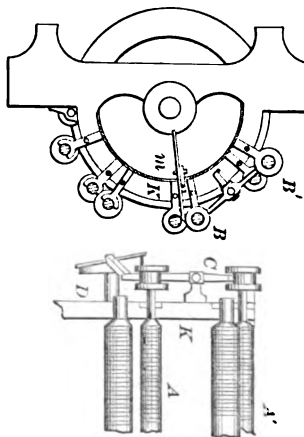
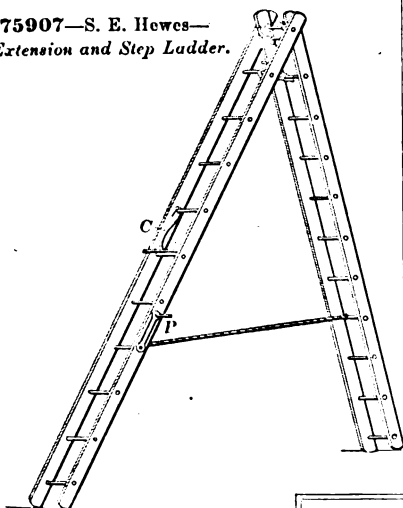
75901—W. E. Hardin—*Plow.*



75904—C. J. Hauck—Oil Can.

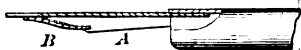
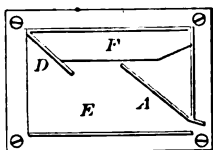


75905—H. R. Hawkins—Horse Rake.

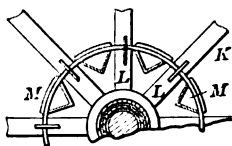
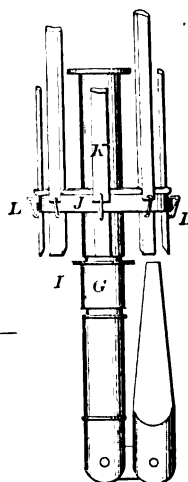
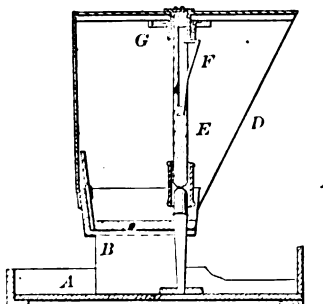
75907—S. E. Hewes—  
Extension and Step Ladder.

75906—Haythorn &amp; Martin—Carding Machine.

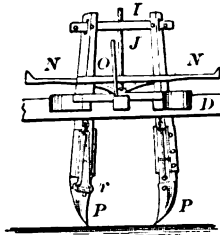
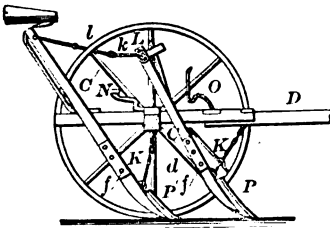
75909—R. Hirst—Pen.

75910—R. Hitchcock—Car  
Ventilator.

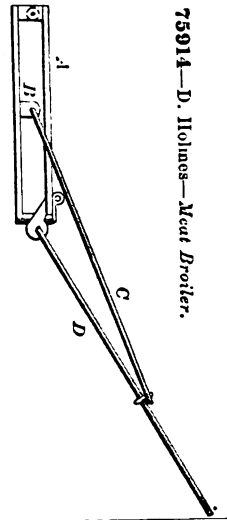
75908—D. K. Hickok—Carriage and Sleigh Top.



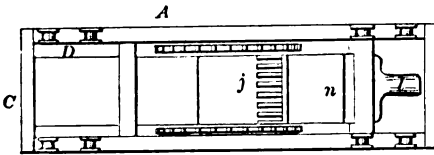
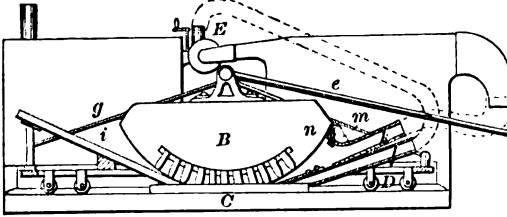
75911—C. Hoagland—Cultivator.



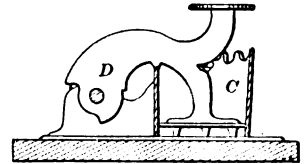
75914—D. Holmes—Nest Prober.



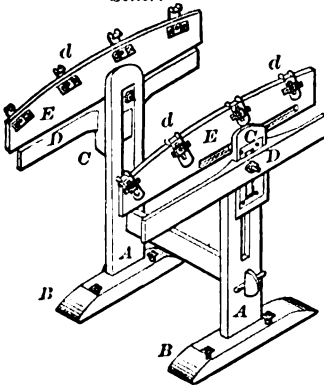
75912—F. E. Hoffmann—For Pulverizing Stone.



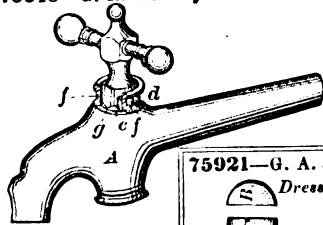
75913—Hollingsworth & Weaver—Ice Crusher.



75916—H. C. Hoover—Carriage Bow Setter.



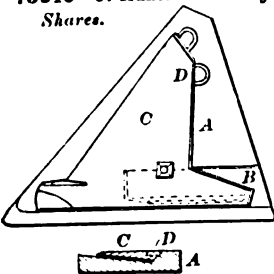
75918—G. R. Huntley—Faucet.



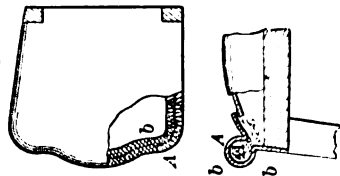
75921—G. A. Johnson—Dress Trimming



75919—J. Hunton—Casting Plow Shares.



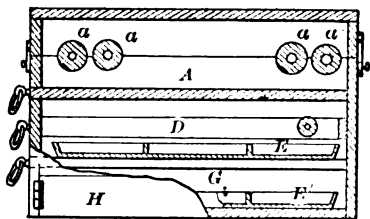
75920—F. Hütwohl—Furniture Edge.



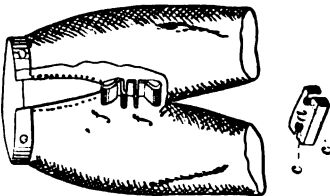
75917—G. W. Haffnagle—Oyster Knife.



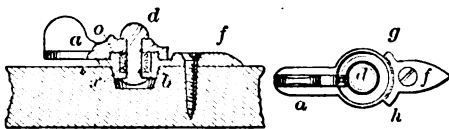
75922—M. A. Jones—Bread Making Machine.



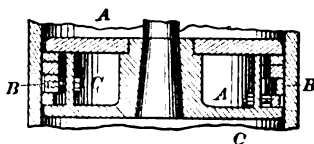
75924—Judson &amp; Lynch—Fastening Wearing Apparel.



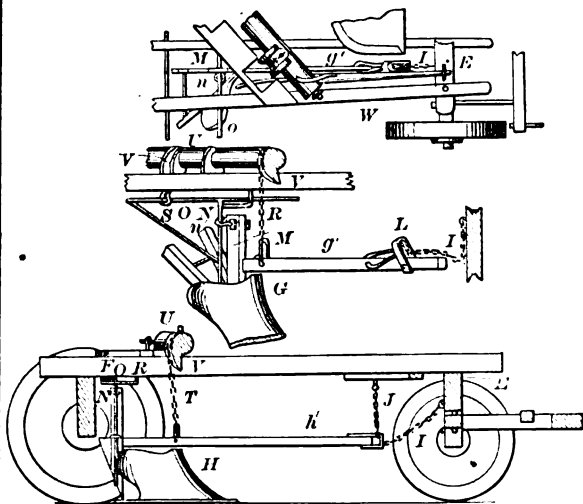
75923—M. Judd—Sash and Door Button.



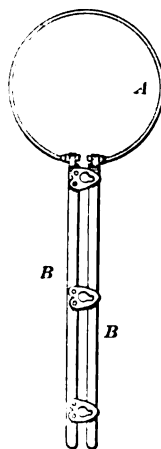
75927—J. King—Piston Packing.



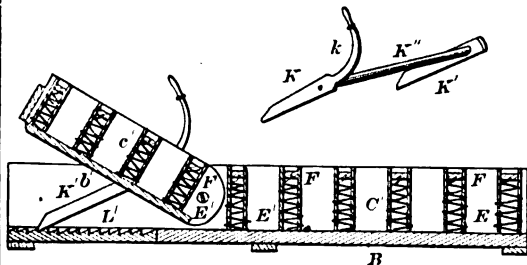
75925—J. L. Keazor—Gang Plow.



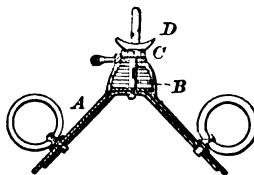
75928—W. King—Fur Collar.



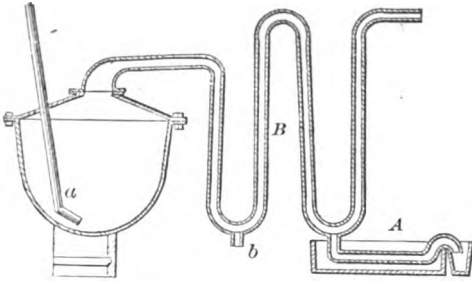
75926—A. W. Kendrick—Bed Bottom.



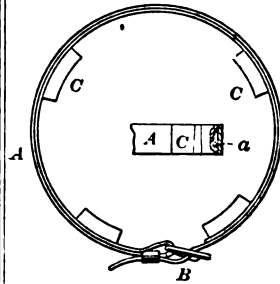
75930—R. M. La Rue—Saddle and Harness.



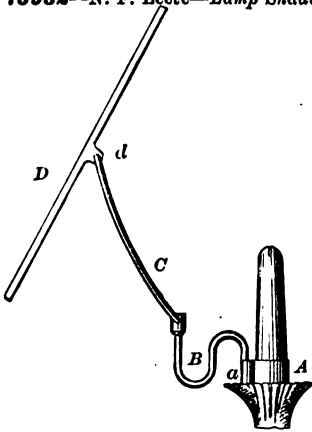
75929—O. Laist—*Manufacture of Glycerine.*



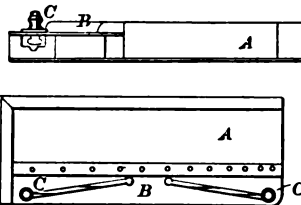
75931—J. A. Latham—*Garter.*



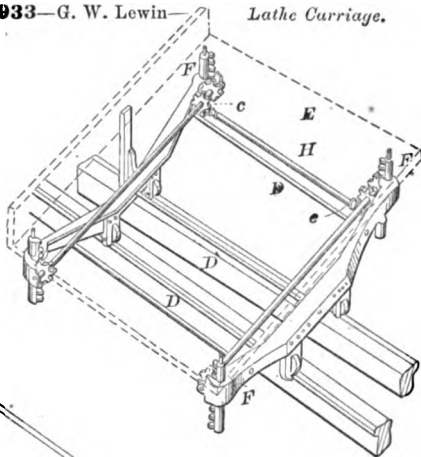
75932—N. F. Leete—*Lamp Shade.*



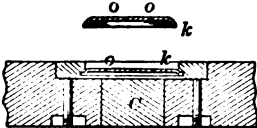
75935—H. E. Long—*Printers' Galley.*



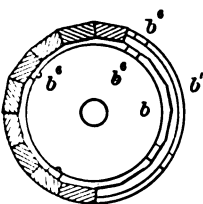
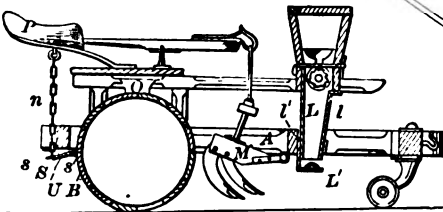
75933—G. W. Lewin—*Lathe Carriage.*



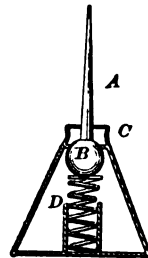
75934—E. A. Locke—*Cask Label.*



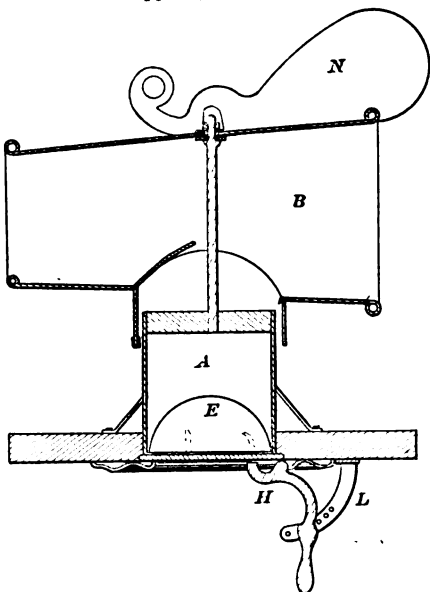
75936—J. P. Long—*Broadcast Seeder, Cultivator and Roller.*



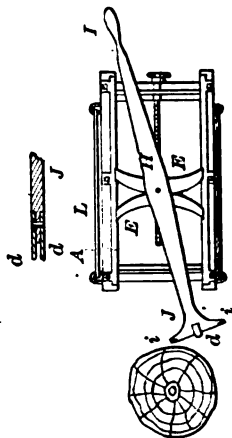
75937—T. C. Longton—*Oil Cup.*



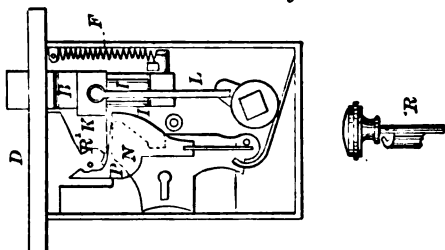
**75878—I. Dripps—*Railroad Car Ventilator.***



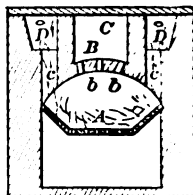
75882—A. Edwards—*For Felling Trees.*



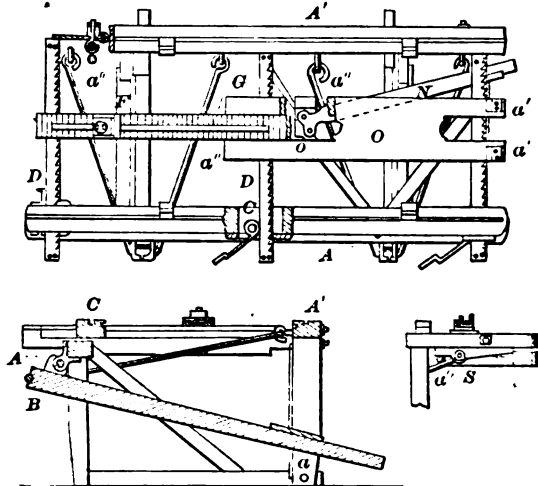
**75879—S. W. Drowne—*Locking Knob Latch.***



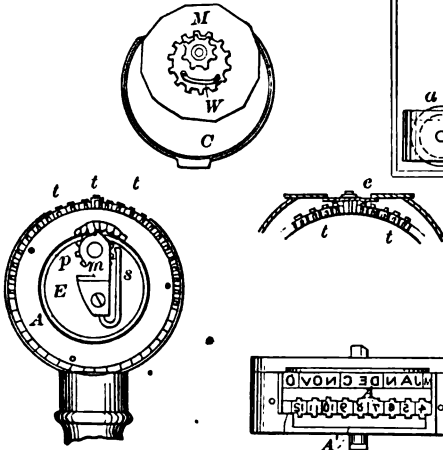
**75881—Duryea & Ennis—Furnace.**



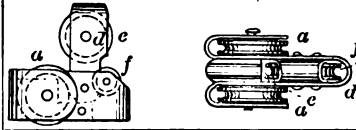
**75880—E. F. Dunaway—Door and Sash Clamp.**



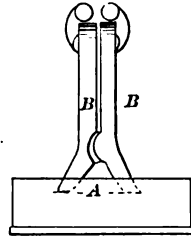
75945—Merriam & Luce—Hand Stamp.



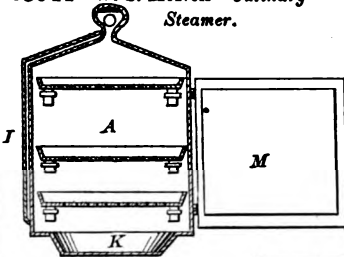
75946—D. L. Miller—Pulley for Hoisting Apparatus.



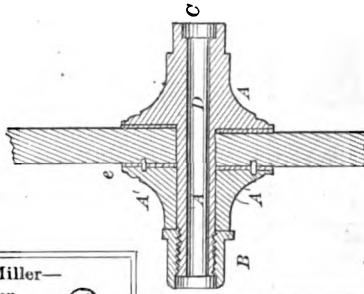
75949—T. S. Minniss—Sad Iron Handle.



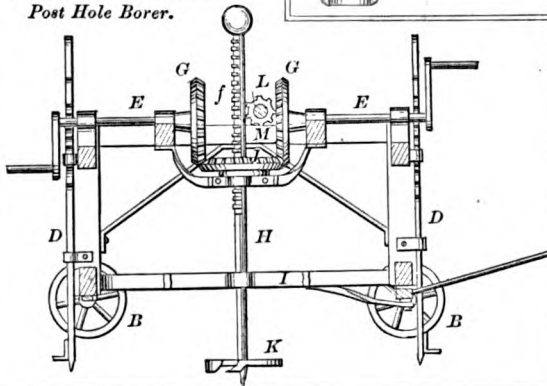
75944—W. S. McNeil—Culinary Steamer.



75948—Minor & Ward—Carriage Hub.

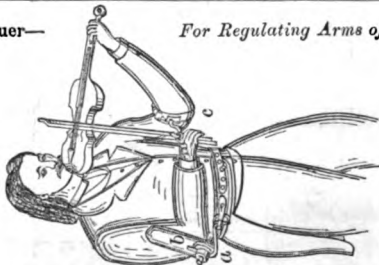


75947—J. K. Miller—Post Hole Borer.

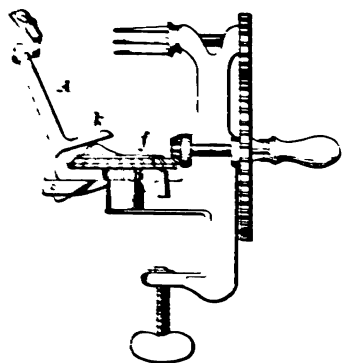
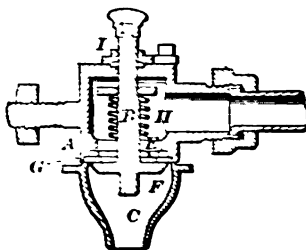
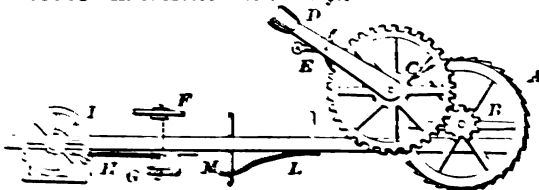
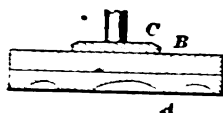
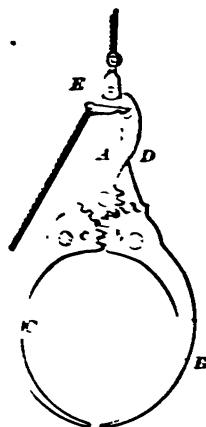
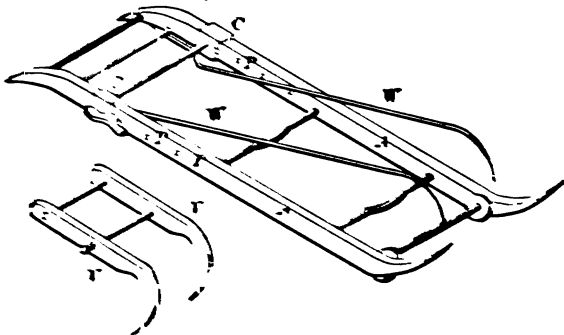
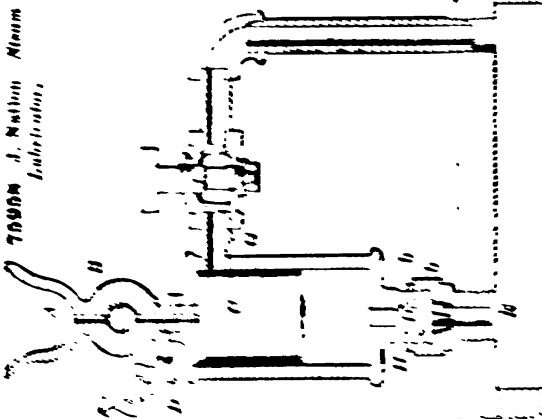


75950—E. Mollenhauer—

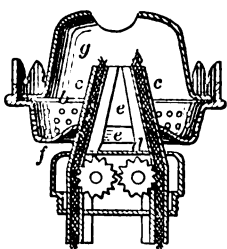
For Regulating Arms of Violin Players.



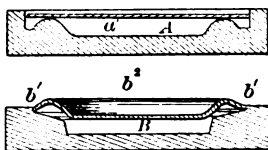


75951—J. F. & E. P. Monroe—*Apple Parer.*75952—G. R. Moore—*Water Pipe Valve.*75953—H. C. Moore—*Ice Carriage.*75957—L. Murr—*Printing Cloth.*75956—P. A. Mowers—*Horse Hay Fork.*75954—A. F. Morey—*Barrel Track.*75955—J. Mosley—*Pocket Knife.*75958—J. Nathan—*Machine.*

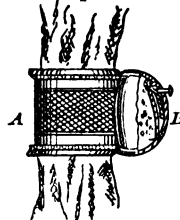
**75959**—H. K. Needham—*Lamp Burner.*



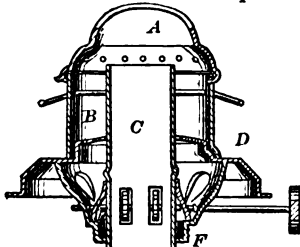
**75961**—Neuberger & Illig—*For Stamping Tin Ware.*



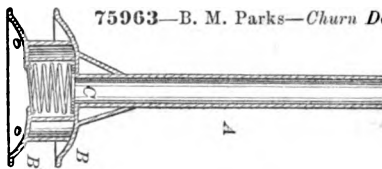
**75968**—G. Pine—*Napkin Ring and Salt Cup.*



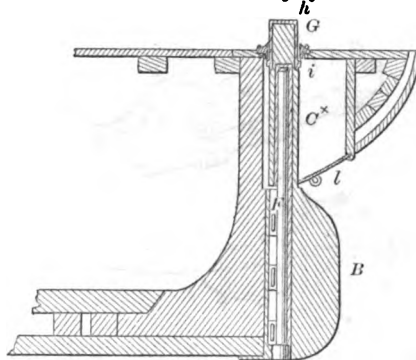
**75960**—G. Neilson—*Lamp Burner.*



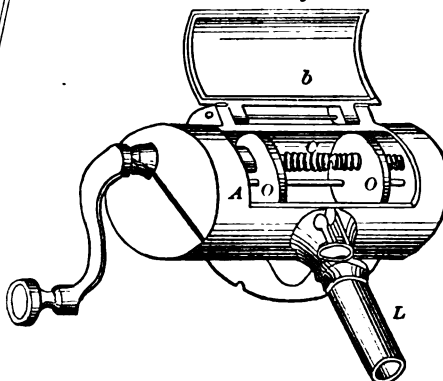
**75963**—B. M. Parks—*Churn Dasher.*



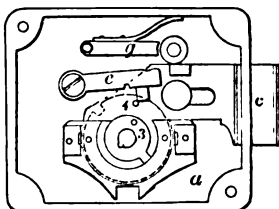
**75964**—H. H. Pember—*Hanging Rudders.*



**75966**—J. G. Perry—*Sausage Filler.*



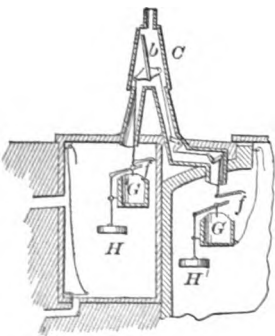
**75967**—O. E. Pillard—*Permutation Lock.*



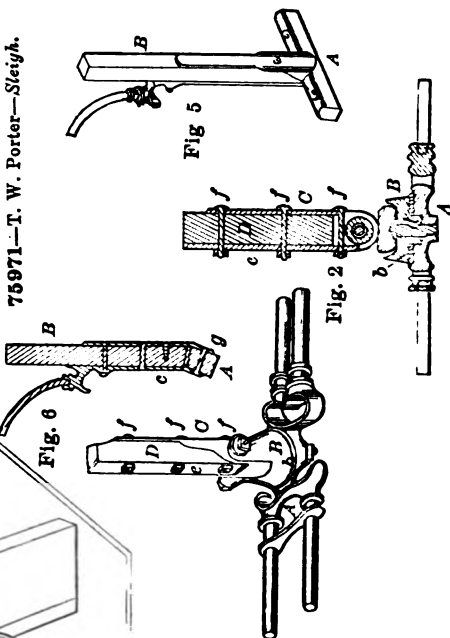
**75962**—S. B. Parker—*For Fastening Shoe Strings.*



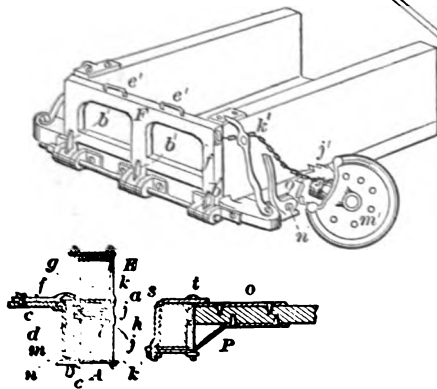
75969—S. H. Plumb—Automatic Feeder and Cut-off.



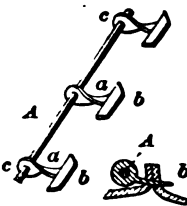
75971—T. W. Porter—Sleigh.



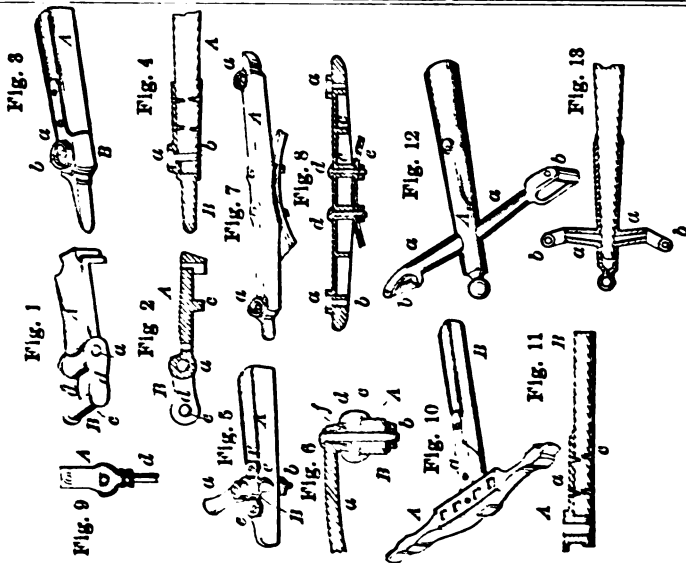
75972—T. W. Porter—Express Wagon.



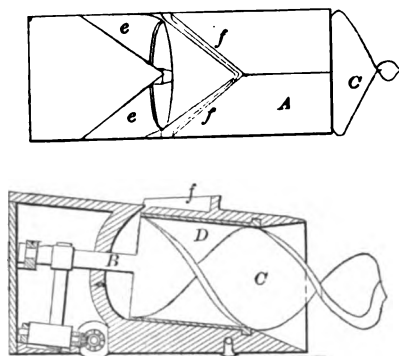
75970—T. W. Porter—Belt Clasp.



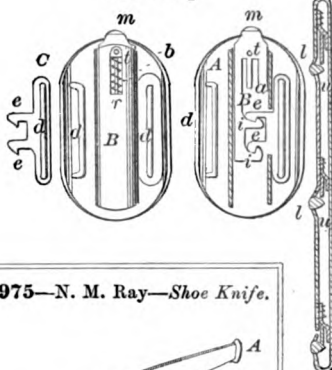
75973—T. W. & H. K. Porter—Carriage



**75979—E. Robbins—*Railway Snow Plow.***



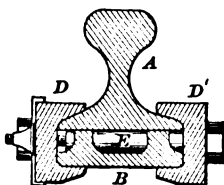
**75976—J., S. A., G. E. & F. F. Reading—*Belt Clasp.***



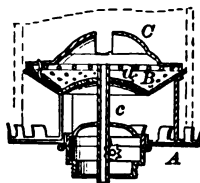
**75975—N. M. Ray—*Shoe Knife.***



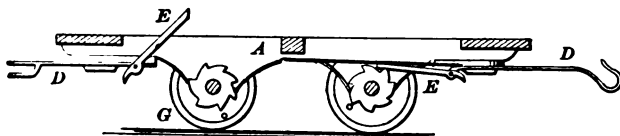
**75977—S. J. Reeves—*Railway Rail Joint.***



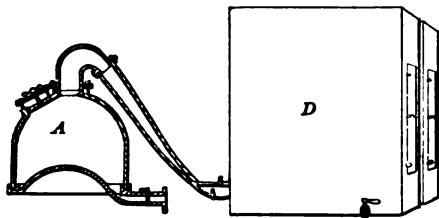
**75978—E. B. Requa—*Lamp Burner.***



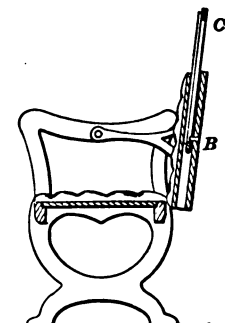
**75981—L. Rodenhausen—*Car Starter.***



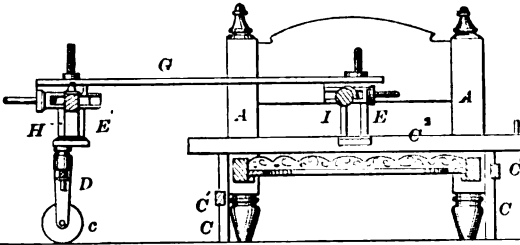
**75980—L. S. Robbins—*For Cleaning Wool, &c.***



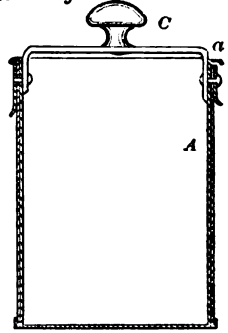
**75982—C. Rowland—*Car Seat.***



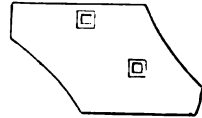
**75983—Rowles & Russell—Invalid Bedstead.**



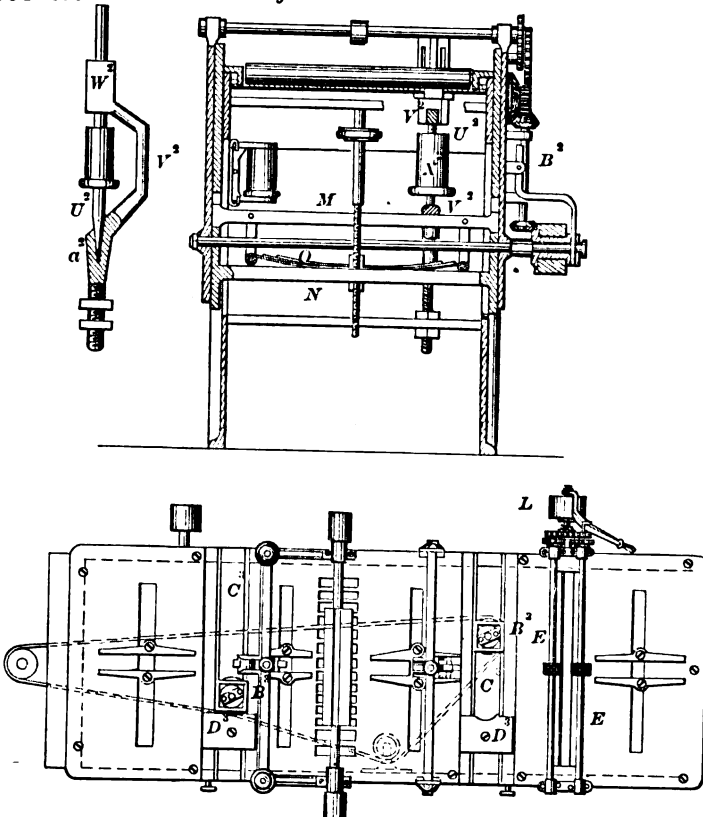
**75985—W. Serviss—For  
Soldering Tin Cans.**



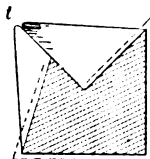
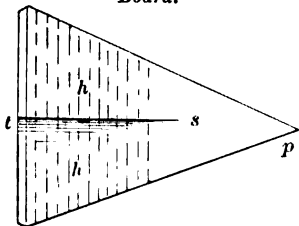
**75986—F. E. Sessions—**  
*Hardening Iron and Steel.*



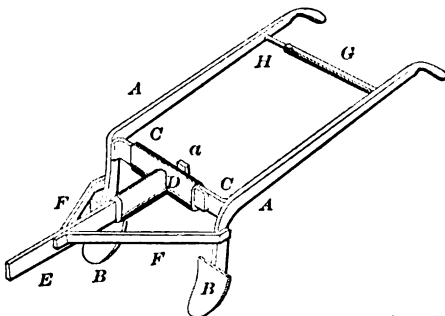
**75984—J. J. Russ—Wood Planing Machine.**



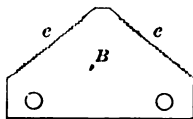
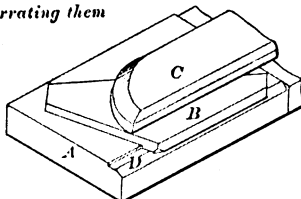
**75987**—J. Seymour—*Plow Mould Board.*



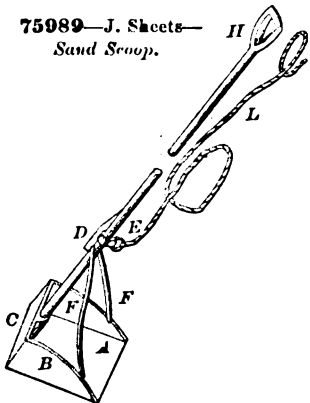
**75988**—Shalters & Ray—*Double Shovel Plow.*



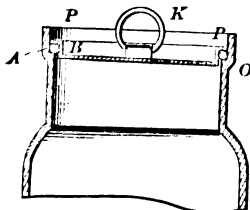
**75990**—S. D. Sheldon—*Sickle Sections and Serrating them*



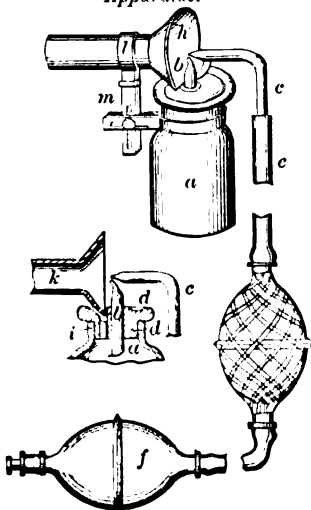
**75989**—J. Sheets—*Sand Scoop.*



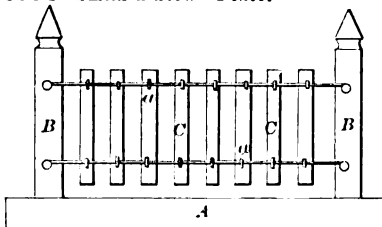
**75993**—C. S. Siddons—*Fruit Jar.*



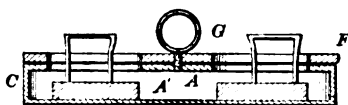
**75991**—A. M. Shurtleff—*Atomising Apparatus.*



**75991**—Smith & Stow—*Fence.*

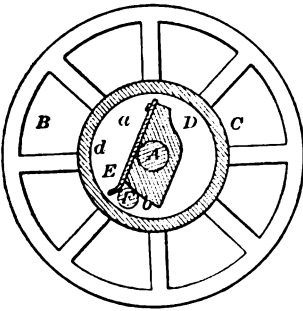


**75993**—S. W. Smith—*Flat Iron Heater.*

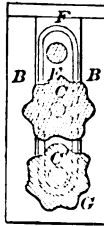




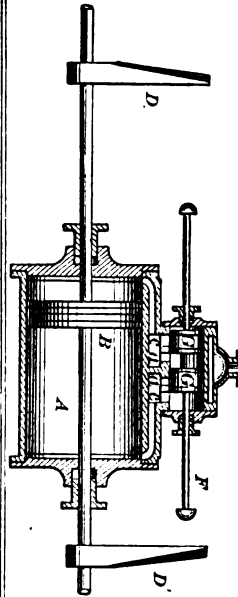
96001—D. H. Thayer—Harvester.



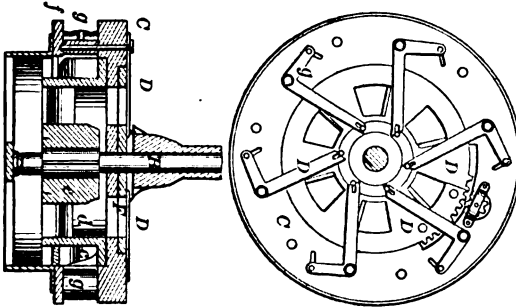
96004—J. P. Thompson—Washing Machine.



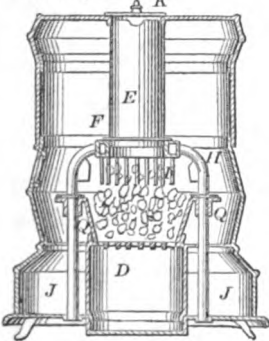
96002—Thomas & Evans—Steam Engine Piston Valve.



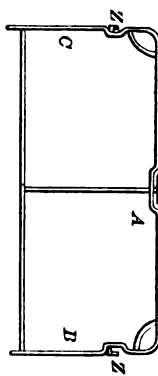
96003—I. M. Thompson—Water Wheel.



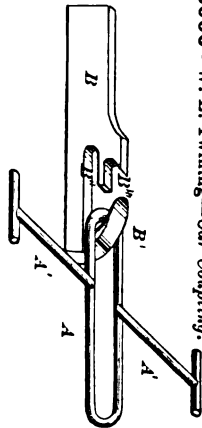
96005—R. B. Thompson—Base Burning Stove.



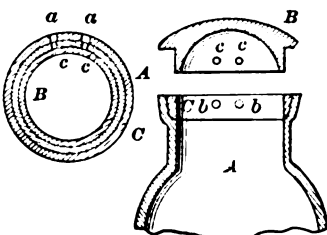
96007—P. Verplanck, Jr.—Dash Board.



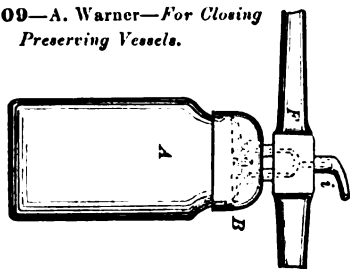
96006—W. E. Twining—Car Coupling.



96008—A. Warner—Fruit Jar.

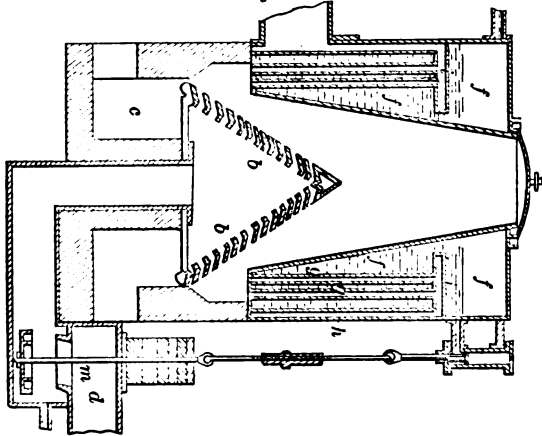


96009—A. Warner—For Closing Preserving Vessels.

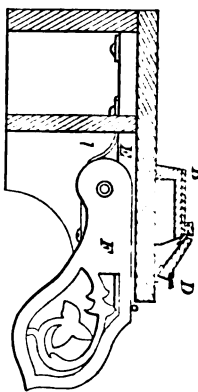




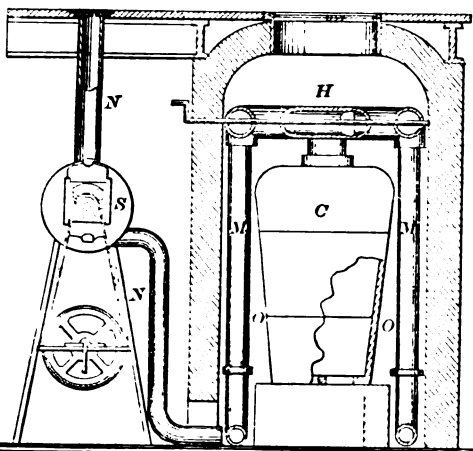
76010—J. Watts—Heating Furnace.



76013—F. A. Wells—Lead Organ.



76018—J. Whitehill—Hot Air Furnace.



76011—N. Webster—Welding Tool.

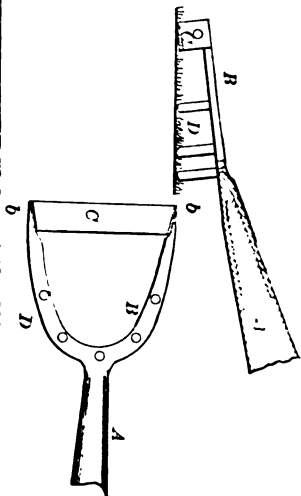
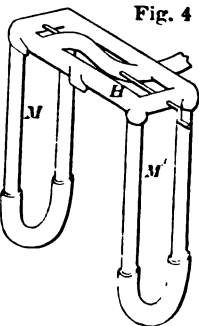
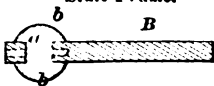


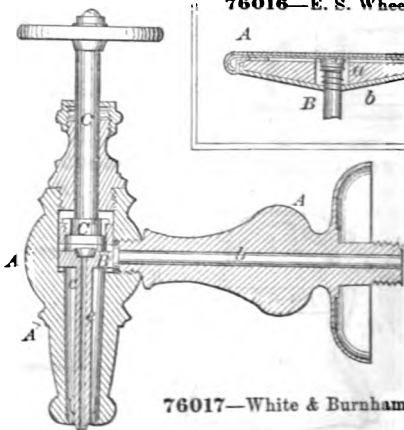
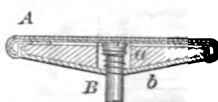
Fig. 4



76014—W. C. Wendell—Slate Frame.

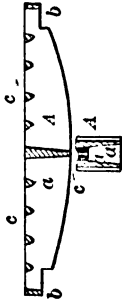


76016—E. S. Wheeler—Button.

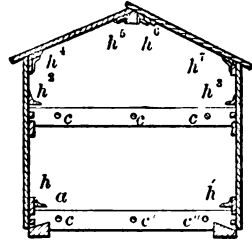
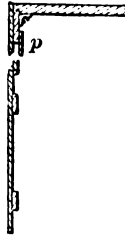
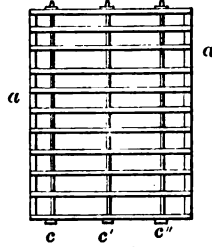
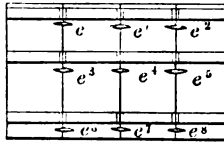


76017—White &amp; Burnham—Faucet.

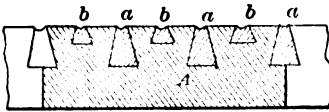
76023—Williams, Forge & Edwards—  
Furnace Grate Bar.



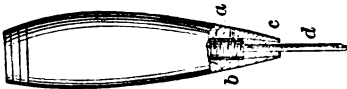
76019—D. S. Whittenhall—*Portable Building.*



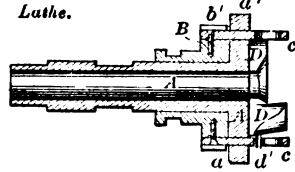
76021—C. Williams—*Pavement.*



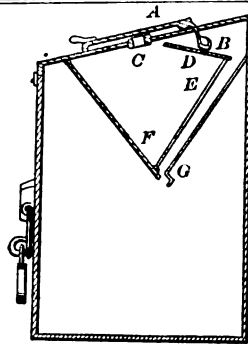
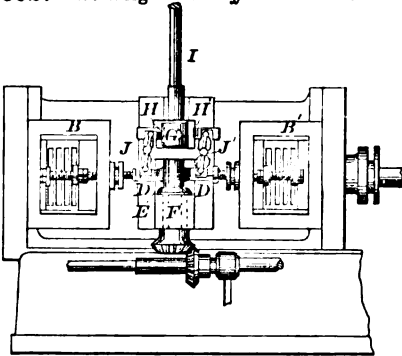
76020—D. R. Wight—*Awl Handle.*



76022—E. Williams—*Wood Turning  
Lathe.*

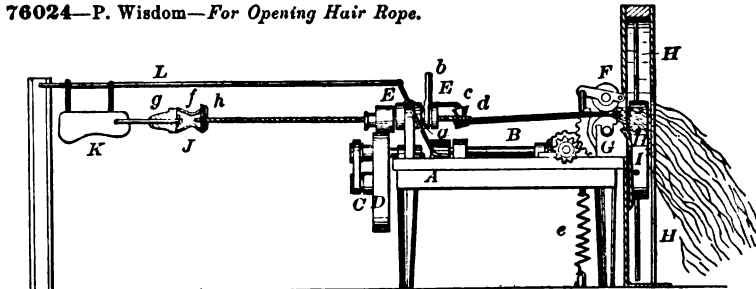


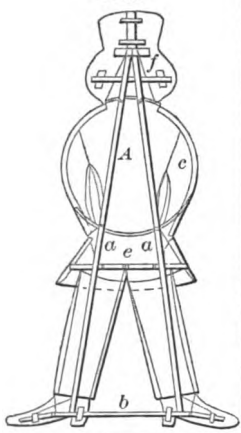
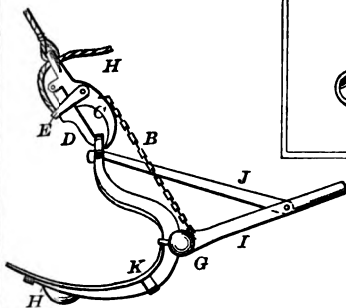
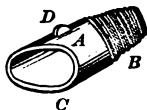
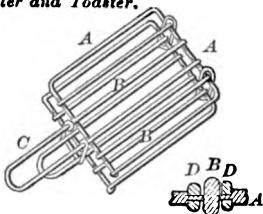
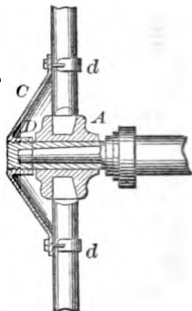
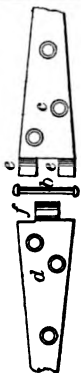
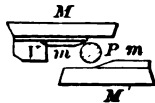
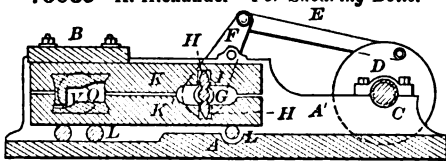
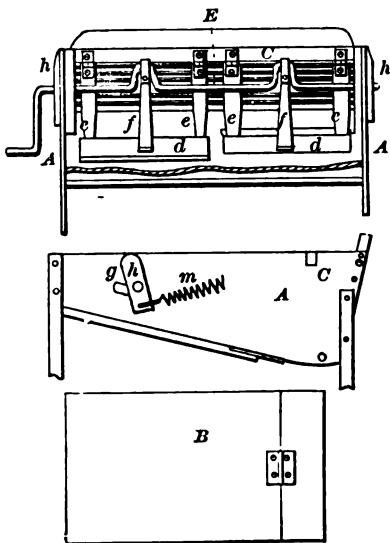
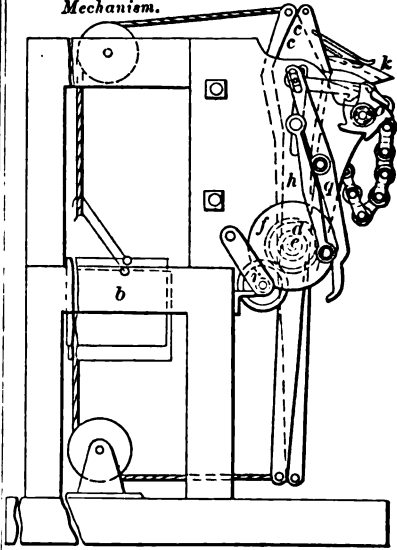
76027—W. Wright—*Cut-off Valve Gear.*



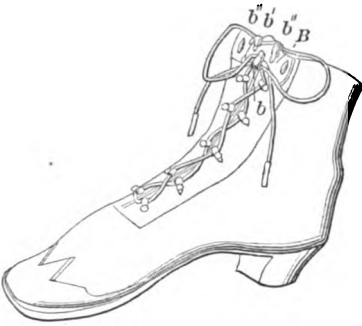
76026—J. E. Woodruff—*Letter Box.*

76024—P. Wisdom—*For Opening Hair Rope.*

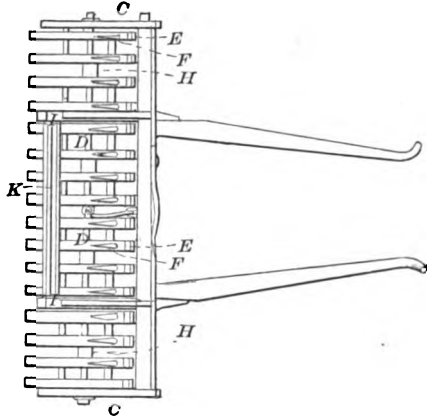


**76028**—Yorns & Smith—*Kite.***76029**—W. Zimmerman—*Horse Hay Fork.***76030**—A. Zinsser—*Tapping Piece for Barrels.***76032**—Collier & Bigelow—*Broiler and Toaster.***76033**—L. Adams—*Carriage Wheel.***76034**—J. Adt—*Hinge.***76035**—A. Alexander—*For Shearing Bolts.***76037**—D. W. Bancroft—*Washing Machine.***76036**—Bachelder & Bliss—*Loom Mechanism.*

**76038**—Banister & Rowell—*For Lacing Boots.*

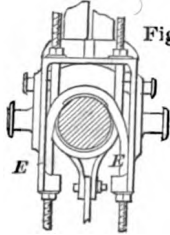
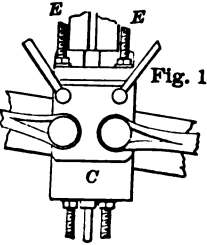
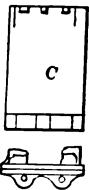


**76040**—H. L. Beach—*Horse Rake.*



**76041**—C. Bender—*Wire Truss Bridge.*

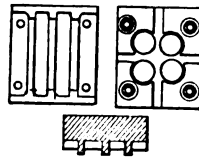
**Fig. 3**



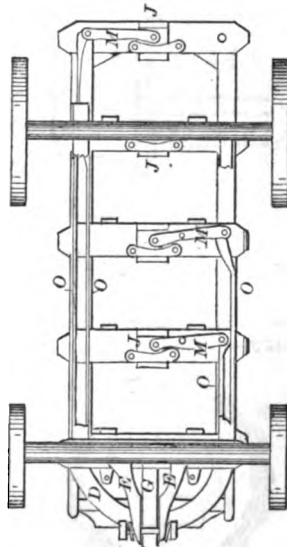
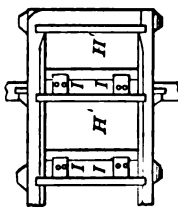
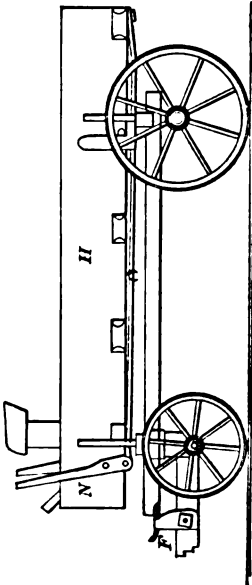
**Fig. 2**

**Fig. 4**

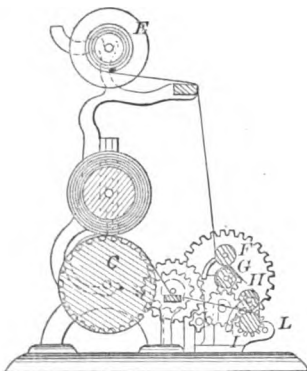
**Fig. 5**



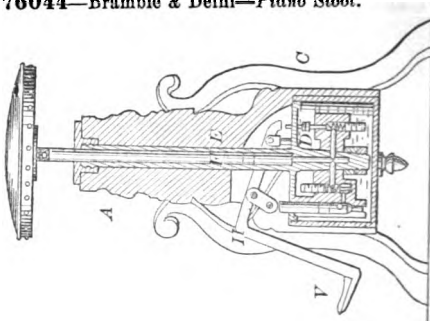
**76039**—H. Barton—*Dumping Wagon.*



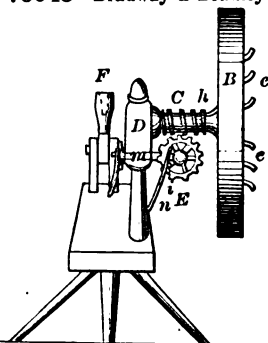
**76042—J. W. Bentley—For  
Manufacturing Clouded Yarn.**



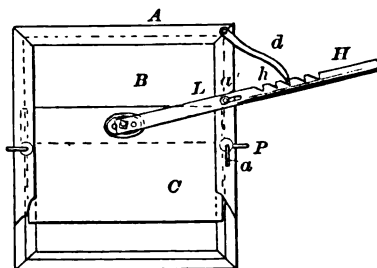
**76044—Bramble & Deihl—Piano Stool.**



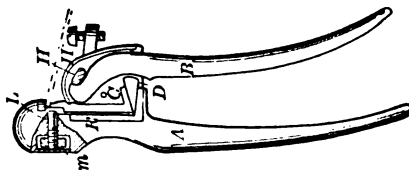
**76043—Bradway & Bradley—Reel.**



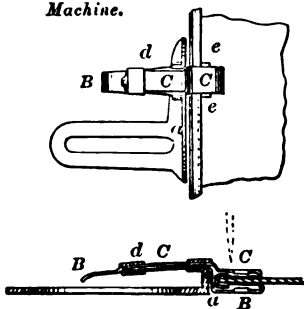
**76045—J. W. Branham—Draught Regulator.**



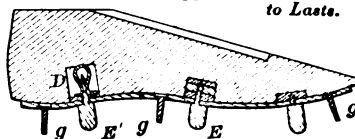
**76046—J. F. Brodhead—Saw Set.**



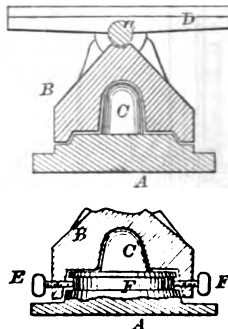
**76047—C. H. Buck 2d—Sewing  
Machine.**



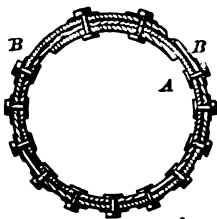
**76048—C. Buffum—Application of Inner Soles  
to Lasts.**



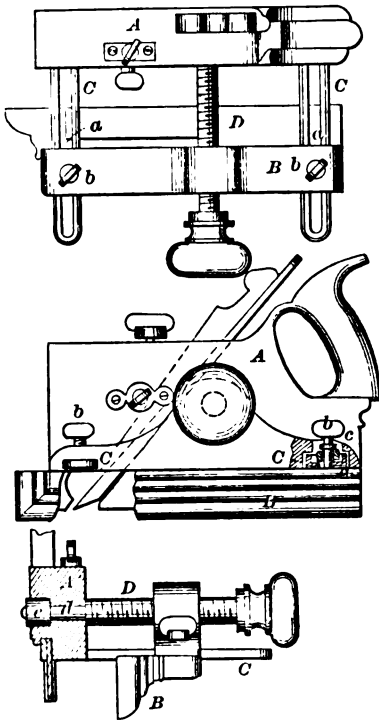
**76050—J. B. Case—Lever Purchase.**



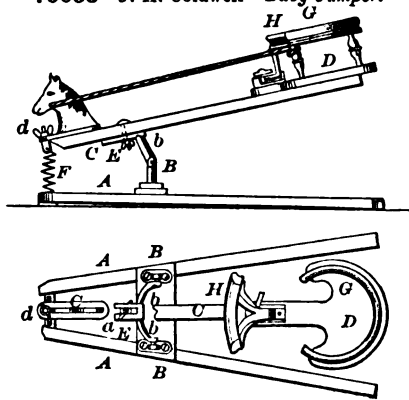
**76049—A. Carney—Hose.**



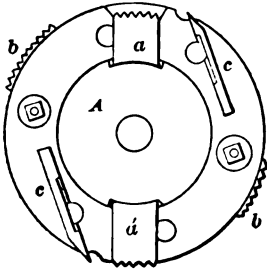
**76051—Chapin & Rust—Plane.**



**76053—J. H. Coldwell—Baby Jumper.**



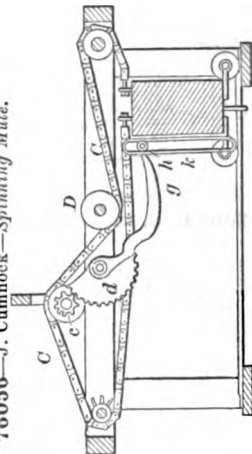
**76052—M. W. Clark—Cutter Head for Tenoning Blind Slat.**



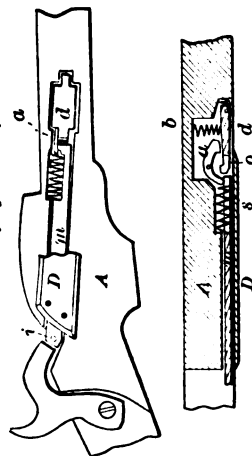
**76054—F. B. Contessa—Sewing Machine.**



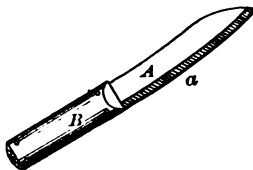
**76056—J. Cumcock—Spinning Mule.**



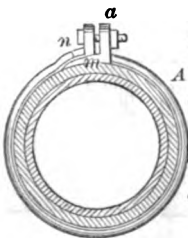
**76058—B. P. Cutler—Safety Guard for Fire Arms.**



**76055—F. Coulon—For Cutting Straw Bands.**

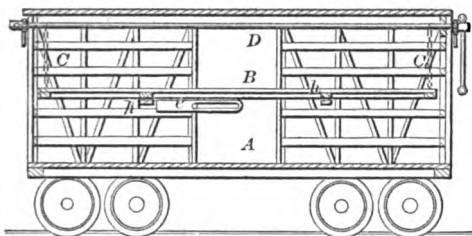


**76057—Curtis & Tewksbury—Hose and Pipe Coupling.**

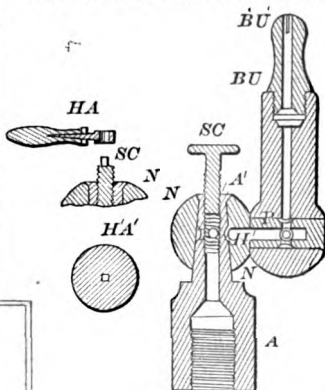




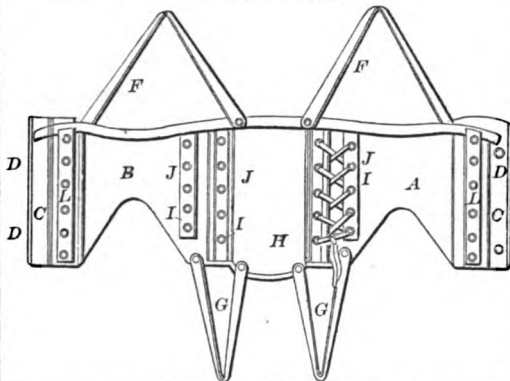
76067—E. Fontaine—Cattle Car.



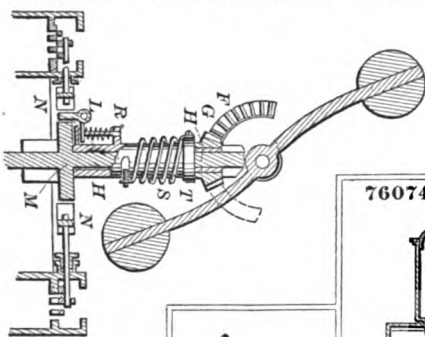
76069—C. S. Ford—Gas Burner.



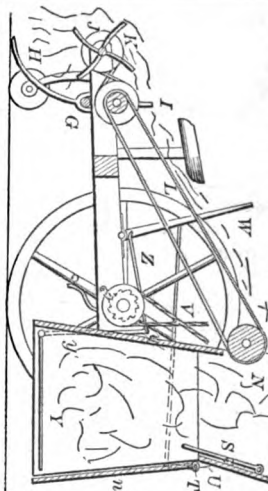
76070—J. Ford—Abdominal Supporter.



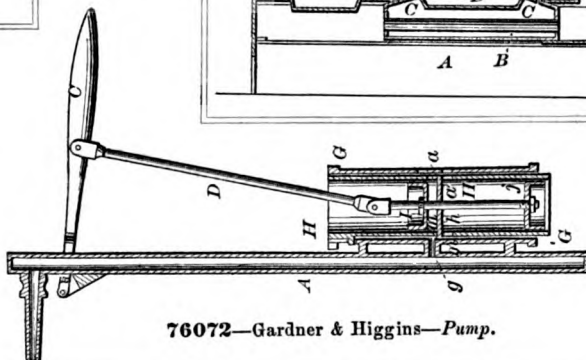
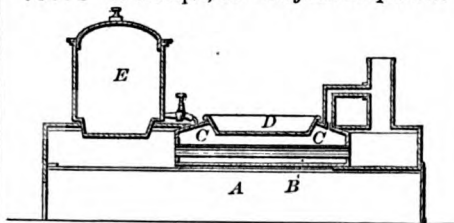
76071—L. F. Fuller—Steam Engine Governor.



76073—R. T. Gill—Hay Spreader and Cocker.

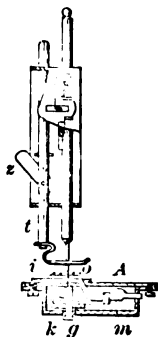
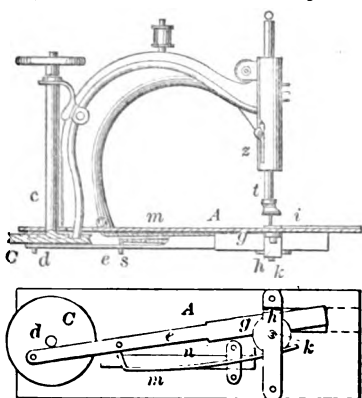
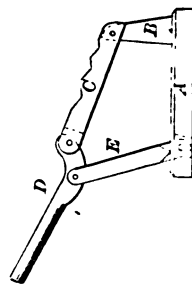
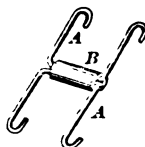
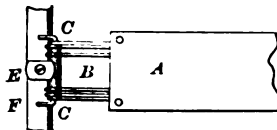
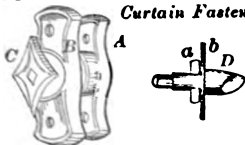
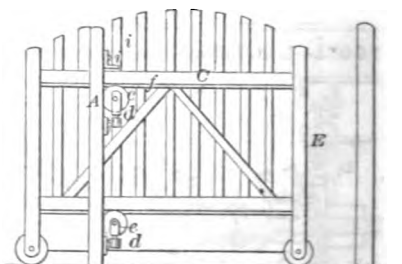
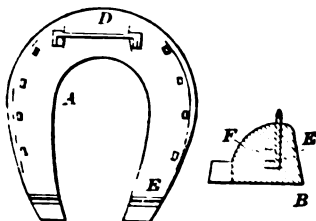
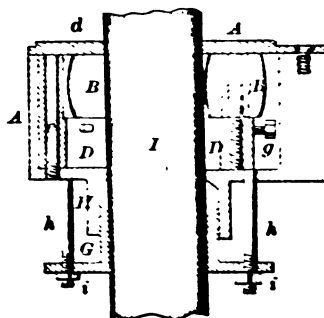
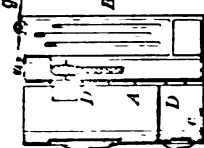


76074—T. Gillespie, Jr.—Sorghum Evaporator.

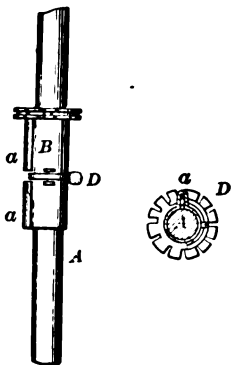


76072—Gardner & Higgins—Pump.

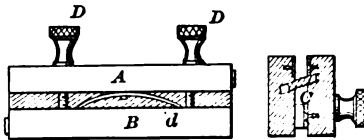


**76076—A. W. Halbert—Sewing Machine.****76073—T. L. Goble—Wagon Jack.****76082—F. J. Jones—Belt Hook.****76077—L. K. Hawes—Bed Bottom.****76080—Huston & Stanford—Carriage Curtain Fastening.****76081—J. L. Janeway—Gate.****76078—A. S. Hopson—Horse Shoe.****76083—S. Kime—Shaft Bearing on Millstone Bush.****76084—Kirchfeld & Heyl—Match Box.****76079—A. J. F. Howard—Boot Crimper.**

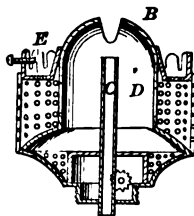
76085—W. Lang—Umbrella.



76086—W. H. Leach—Scissors Sharpener.



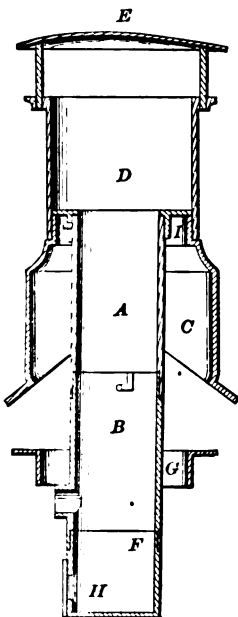
76089—J. Magee—Lamp Burner.



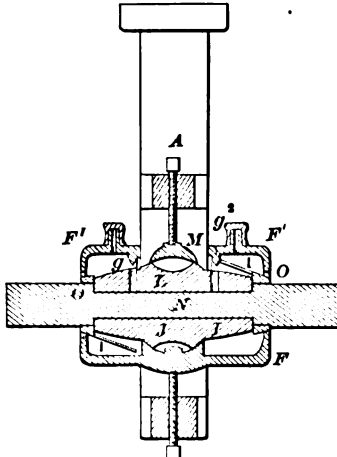
76088—E. T. Ligon—Joint of Steel Plates.



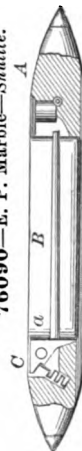
76094—A. W. McMillen—Cast Iron Chimney.



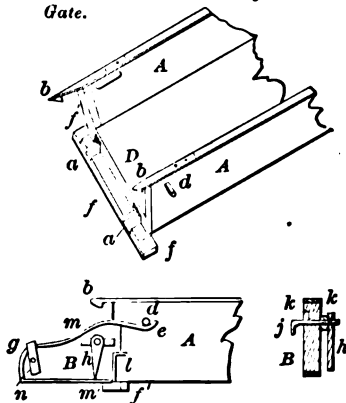
76092—I. D. Mathews—Journal Box.



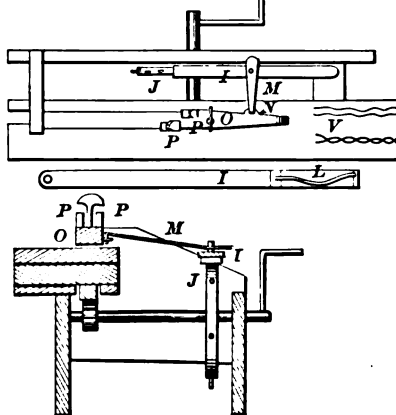
76090—E. P. Marble—Shuttle.



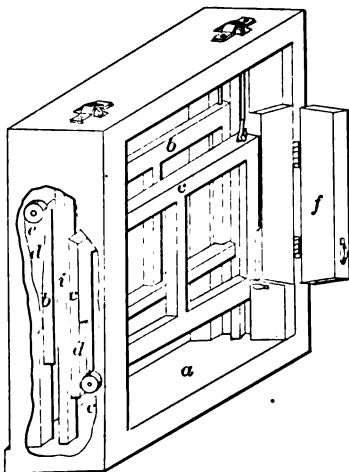
76095—E. S. Miller—Wagon End Gate.



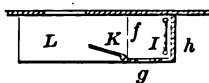
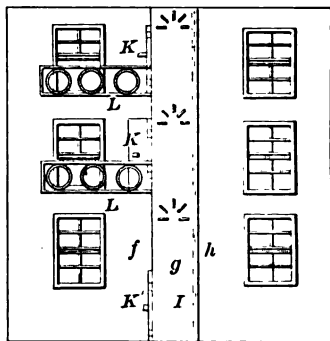
76093—A. McCreight—Carving Machine.



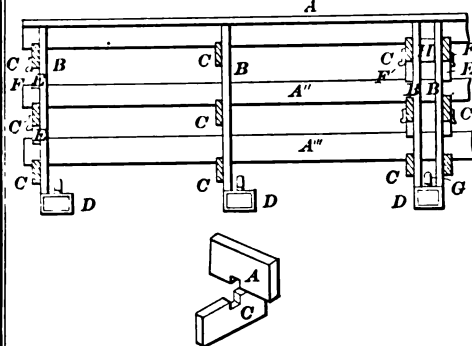
**76096—J. H. Osgood, Jr.—Window Sash Frame.**



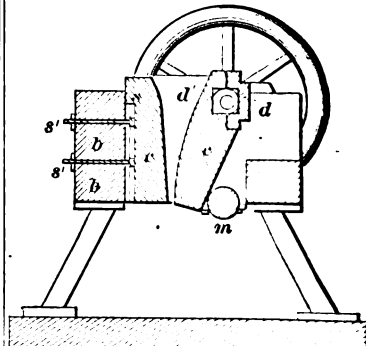
**76097—J. Paar—Fire Escape.**



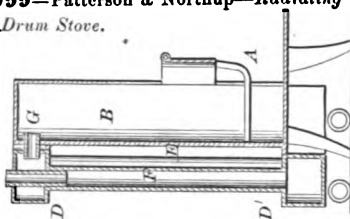
**76102—W. E. Roberts—Portable Fence.**



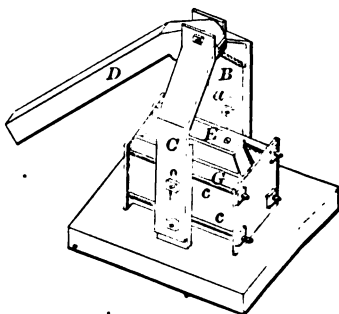
**76100—J. Reese—Ore Crusher.**



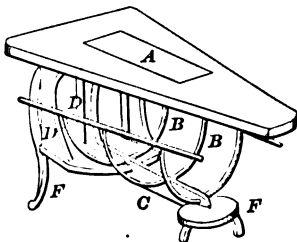
**76099—Patterson & Northup—Radiating Drum Stove.**



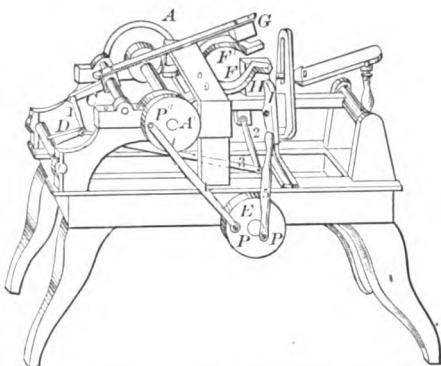
**76101—C. O. & J. H. Ritchie—Press.**



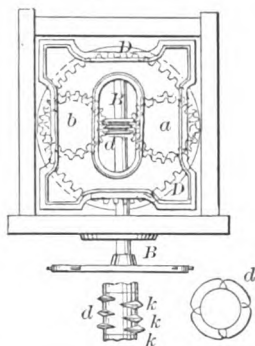
**76098—H. Park—Ironing Table.**



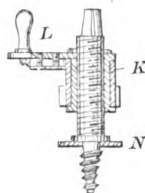
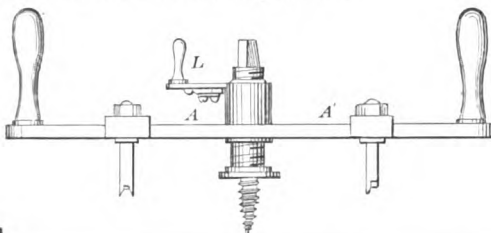
76104—G. W. Sargent—Nail Machine.



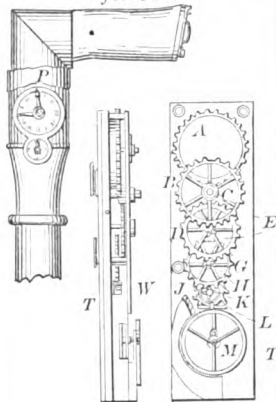
76105—C. H. Sawyer—Steering Apparatus.



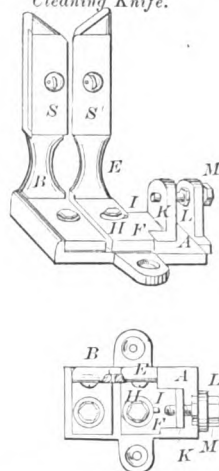
76103—A. Roff—Wood Boring Machine.



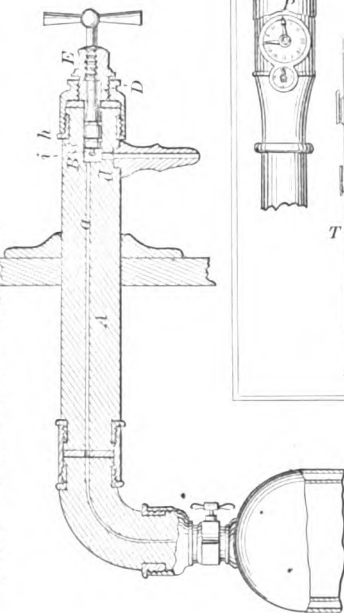
76108—S. B. Simon—Watch for Canes.



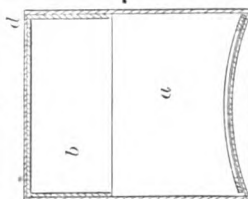
76109—G. Singleton—Silk Cleaning Knife.

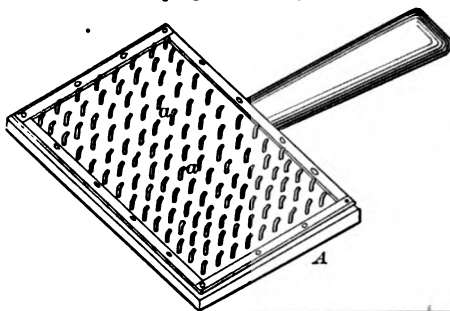
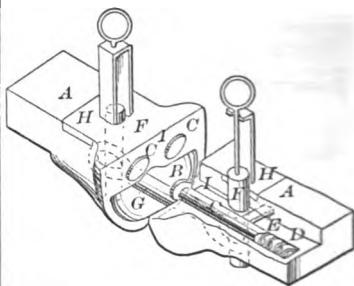
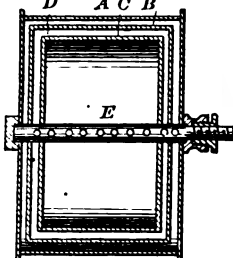
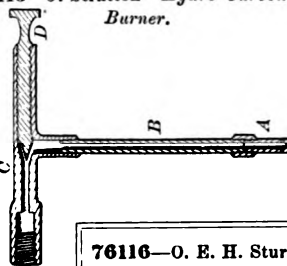
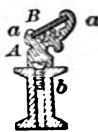
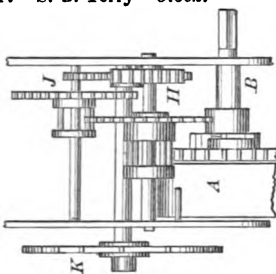
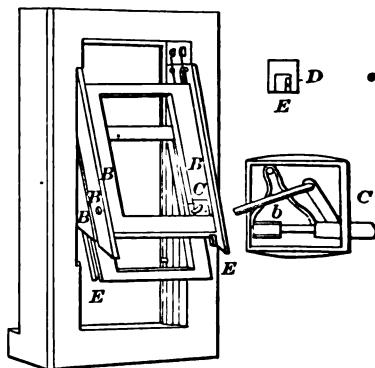
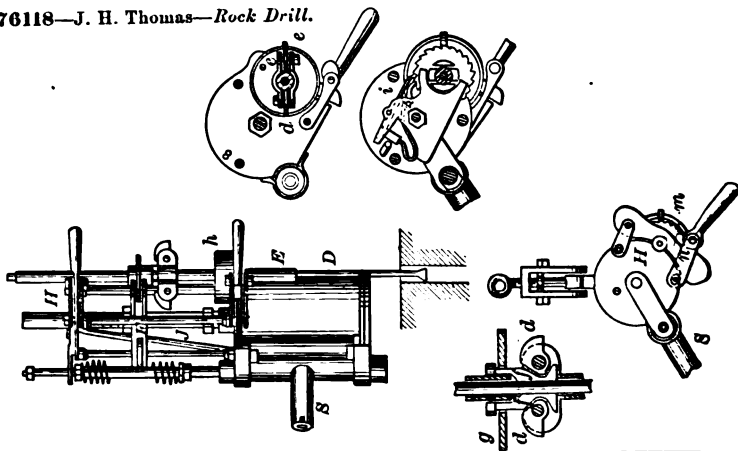


76106—Schultz & Warker—Stop Cock.

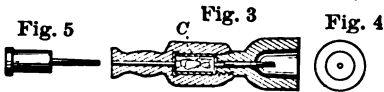


76110—J. D. Smedley—For Packing Butter, &c.

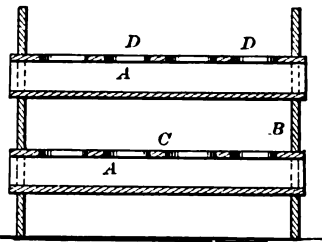


76111—E. L. Sprague—*Making Cards.*76112—T. Steinbauer—*Car Coupling.*76114—J. Stratton—*For Carburetting Air.*  
D A C B76115—J. Stratton—*Hydro-Carbon Burner.*76113—J. W. Strange—*Twine Cutter.*76117—S. B. Terry—*Clock.*76116—O. E. H. Sturcken—*Window Frame.*76118—J. H. Thomas—*Rock Drill.*

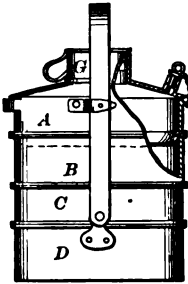
**76119—W. Thompson—Cigar Mouthpiece.**



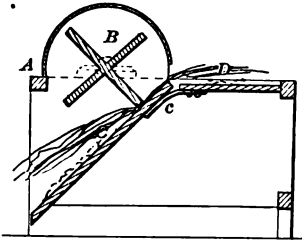
**76120—W. Veber, Jr.—Milk Shelf.**



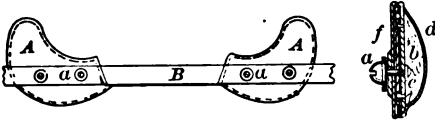
**76121—J. Wagner—Dinner Kettle.**



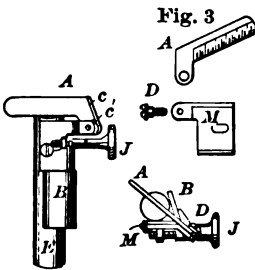
**76122—F. Walpert—For Removing Burrs from Hair.**



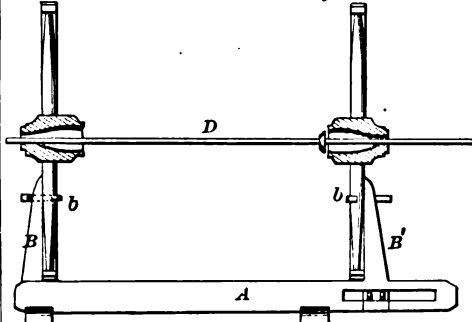
**76124—D. K. Wertman—Breast Pad.**



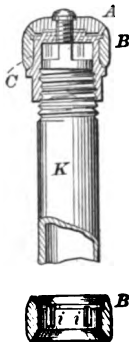
**76123—W. C. Wells—Drill Gauge.**



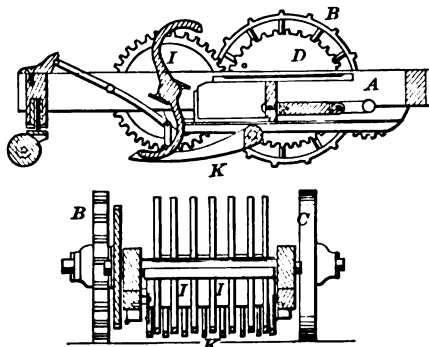
**76126—M. S. Wilcox—For Setting Wheels on Axles.**

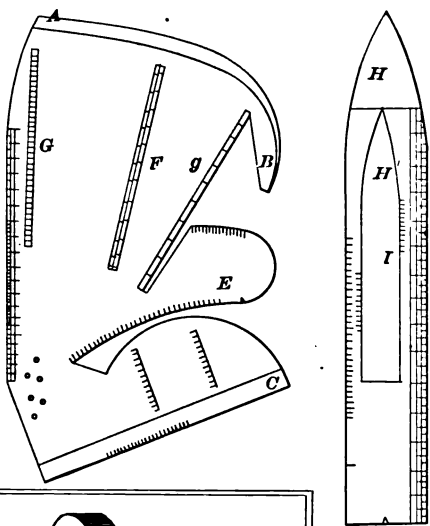
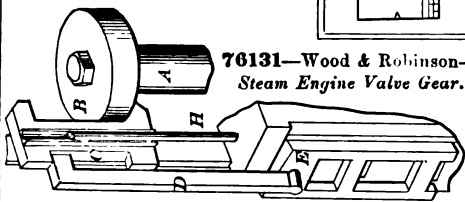
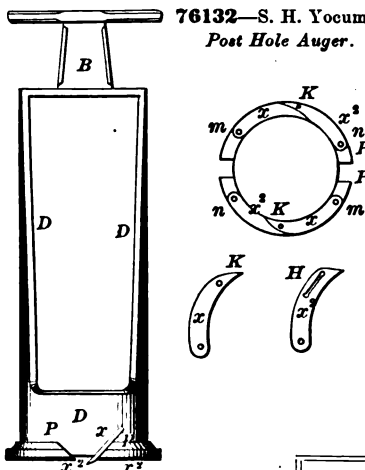
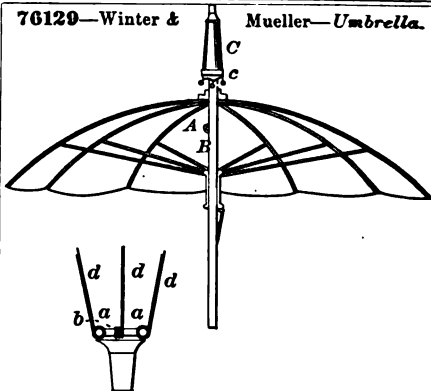
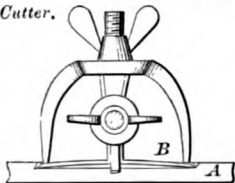
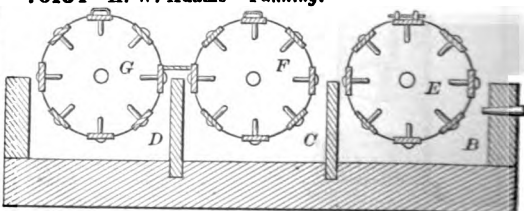
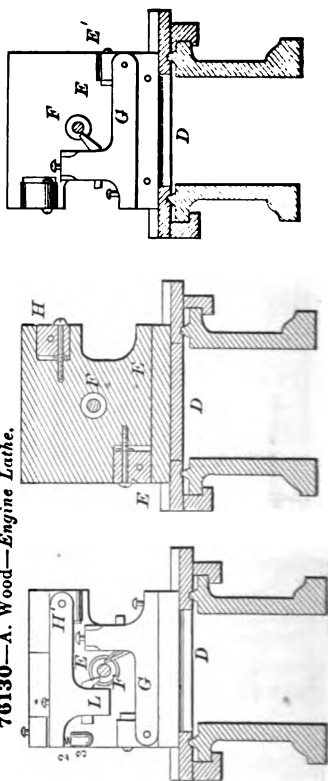


**76125—J. M. Wheeler—For Cleaning Boiler Flues.**

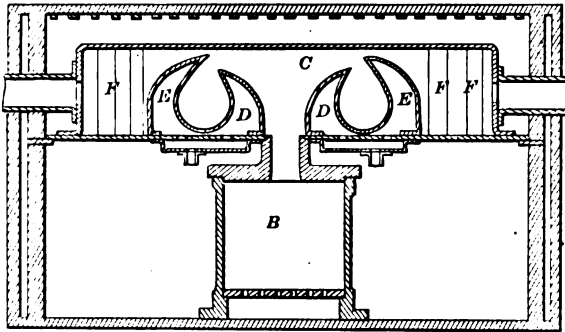


**76127—M. H. Wiley—Potato Digger.**

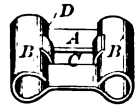


**76128—S. R. Windle—Dress Cutting Measure.****76131—Wood & Robinson—Steam Engine Valve Gear.****76132—S. H. Yocum—Post Hole Auger.****76129—Winter & Mueller—Umbrella.****76135—E. M. Allen—Harvester Cutter.****76134—H. W. Adams—Tanning.****76130—A. Wood—Engine Lathe.**

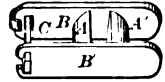
**76136**—J. Amory—*Hot Air Furnace.*



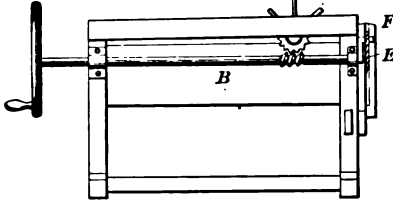
**776141**—J. W. Barnum—*Cotton Bale Tie.*



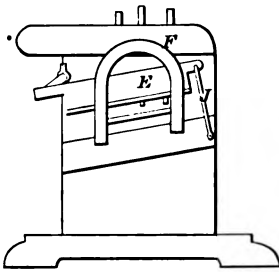
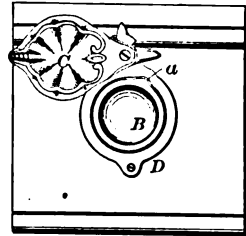
**76144**—J. W. Barnum—*Cotton Bale Tie.*



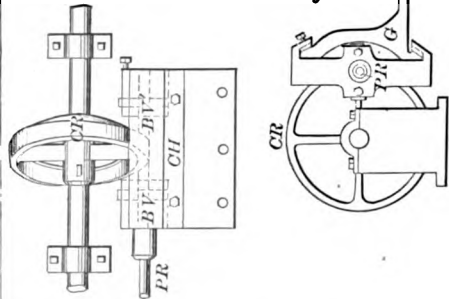
**76137**—J. J. Andrew—*Straw Cutter.*



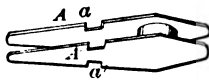
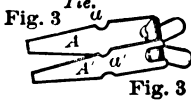
**76138**—H. L. Andrews—*Inkstand.*



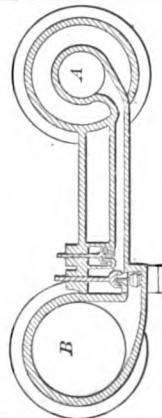
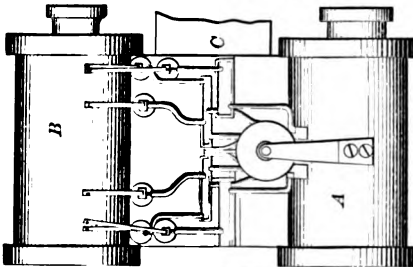
**76139**—N. Atherton—*Steam Engine.*



**76143**—J. W. Barnum—*Cotton Bale Tie.*



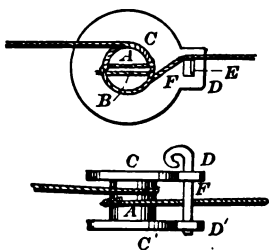
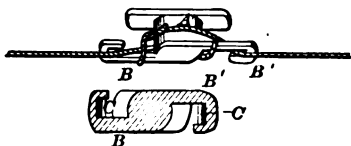
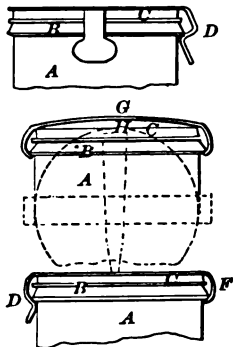
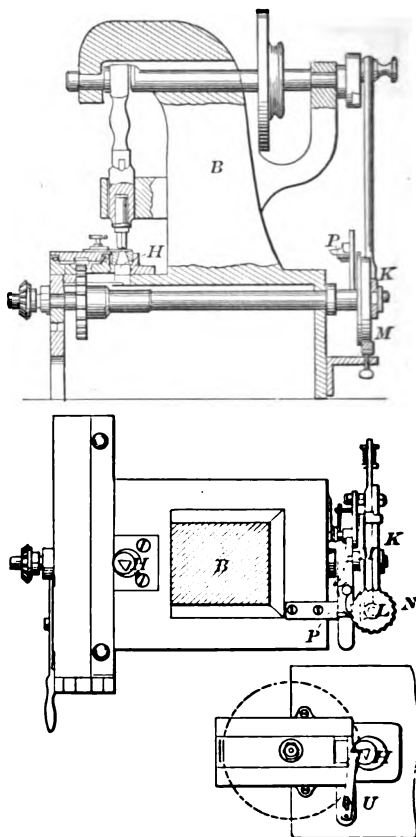
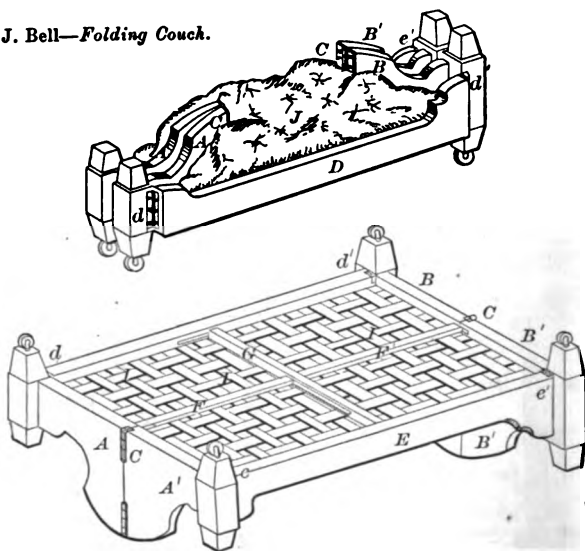
**76140**—C. W. Baldwin—*Steam Engine.*



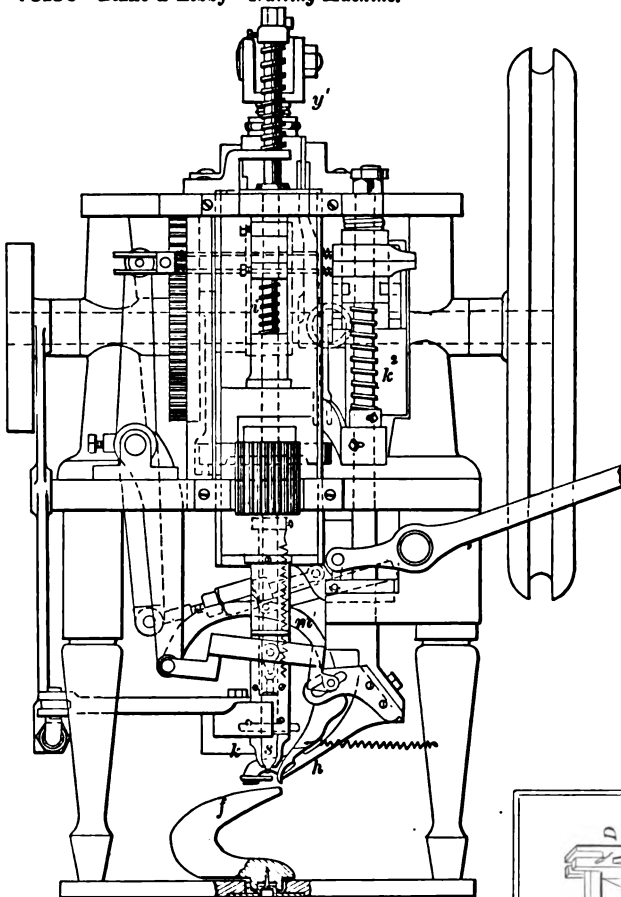
**76142**—J. W. Barnum—*Cotton Bale Tie.*





**76145—J. W. Barnum—Cotton Bale Tie.****76146—J. W. Barnum—Cotton Bale Tie.****76149—J. Bellerjean—Sealing Cans.****76147—A. Bartholf—Saw Gumming Machine.****76148—A. J. Bell—Folding Couch.**

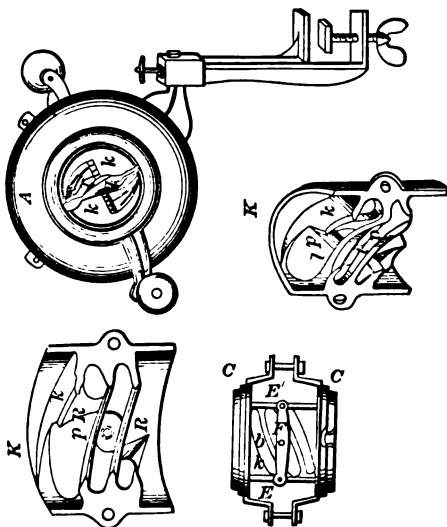
76150—Blake & Libby—Nailing Machine.



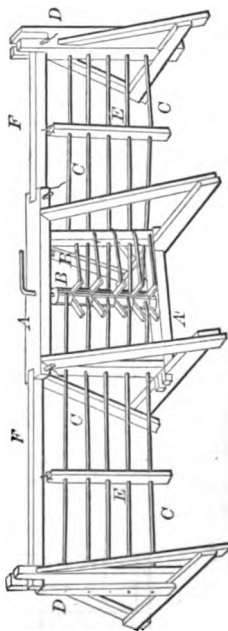
76153—C. W. Bowlish—Government Revenue Stamp.



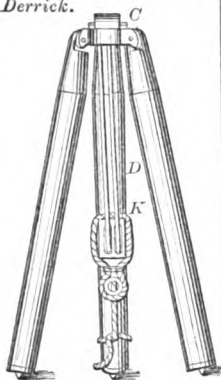
76154—C. H. Brady—Corn Sheller.



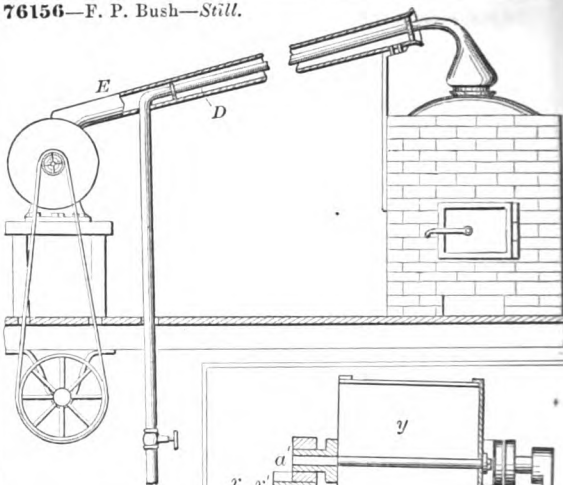
76151—L. W. Board—Portable Wire Fence.



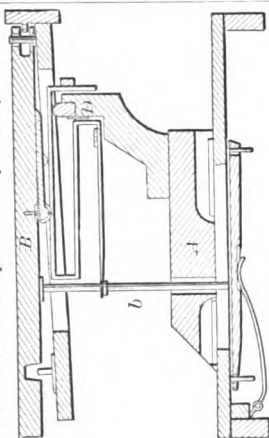
**76155**—G. C. Brown—*Derrick.*



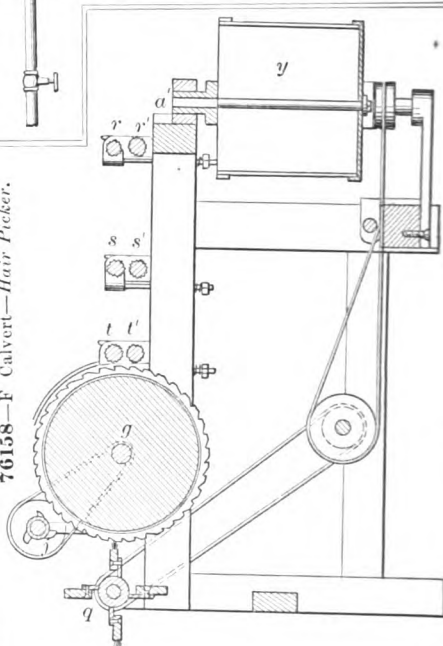
**76156**—F. P. Bush—*Still.*



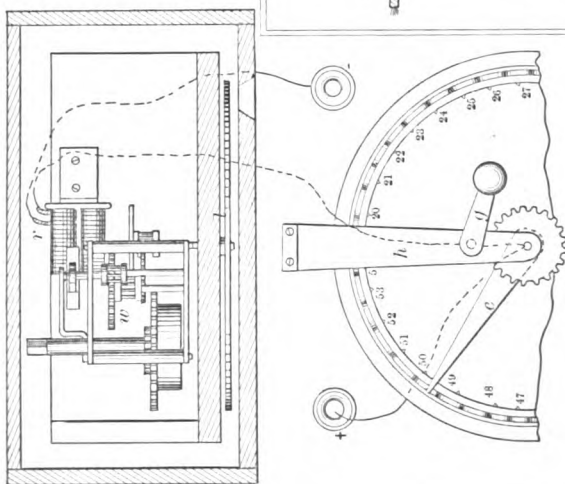
**76159**—R. W. Carpenter—*Organ Coupler.*



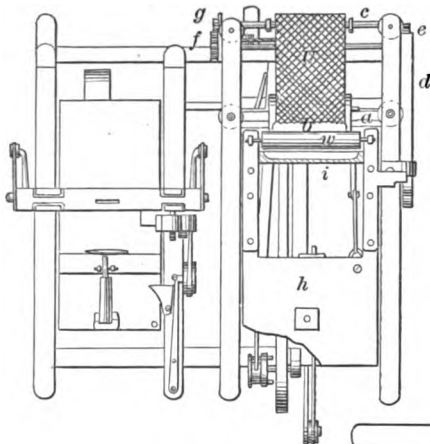
**76158**—F. Calvert—*Hair Picker.*



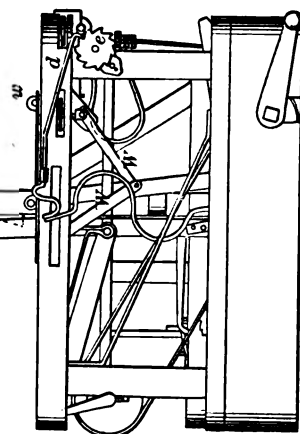
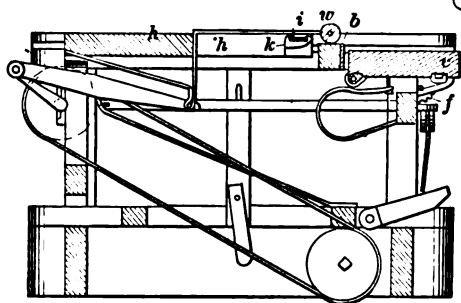
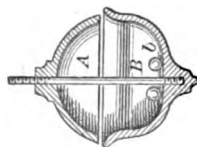
**76157**—E. A. Calahan—*Telegraphic Indicator.*



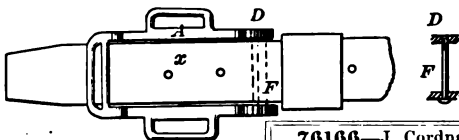
**76160**—J. F. Chambers—*Shingle Machine.*



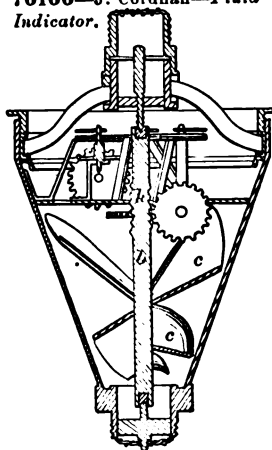
**76163**—E. G. Cone—*Sleigh Bell.*



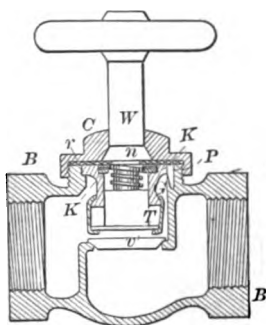
**76162**—G. P. Cole—*Tug Buckle.*



**76166**—J. Cordan—*Fluid Indicator.*



**76164**—W. S. Cooper—*Globe Valve.*

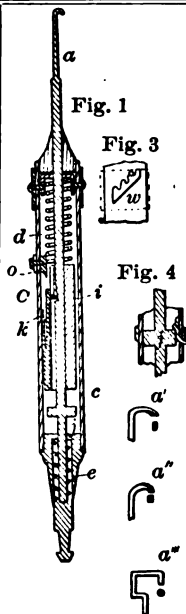


**76161**—E. Coburn, Jr.—*Tooth Plugger.*

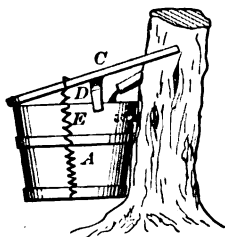
Fig. 1

Fig. 3

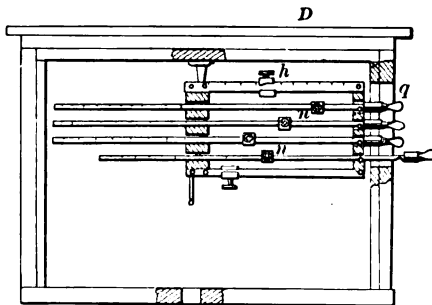
Fig. 4



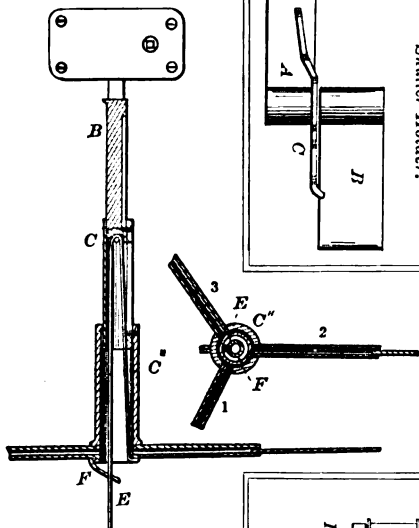
**76168**—J. W. Currier—  
*Sap Bucket.*



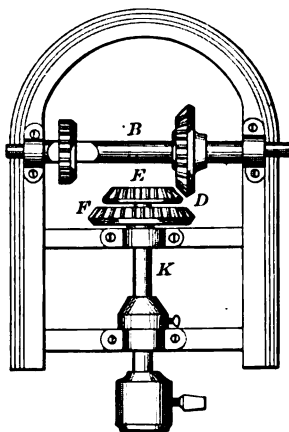
**76169**—A. B. Davis—*Box for Scale Beams.*



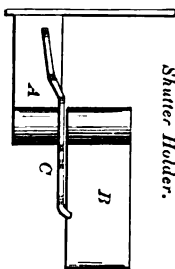
**76174**—I. S. Eastman—  
*Rotary Fan.*



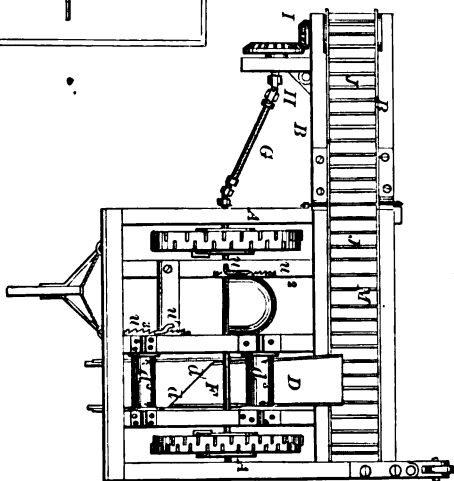
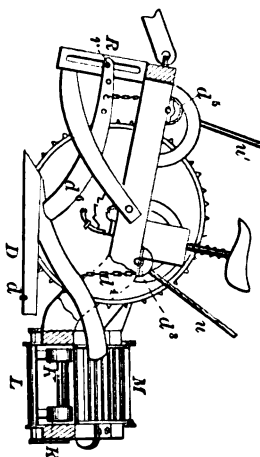
**76171**—Dool & White—*Boring Machine.*



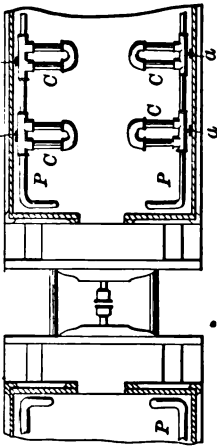
**76170**—C. R. Doane—*Window  
Shutter Holder.*



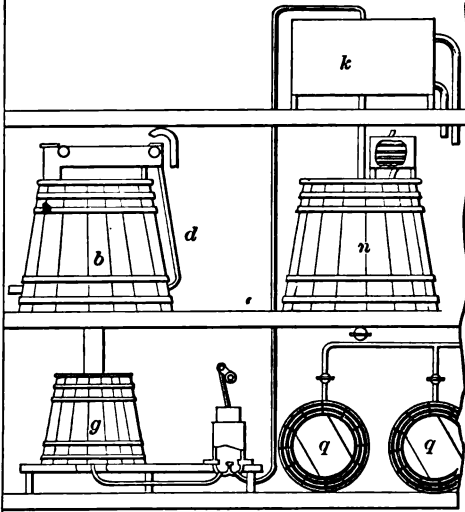
**76172**—A. C. Decker—*Ditching Machine.*



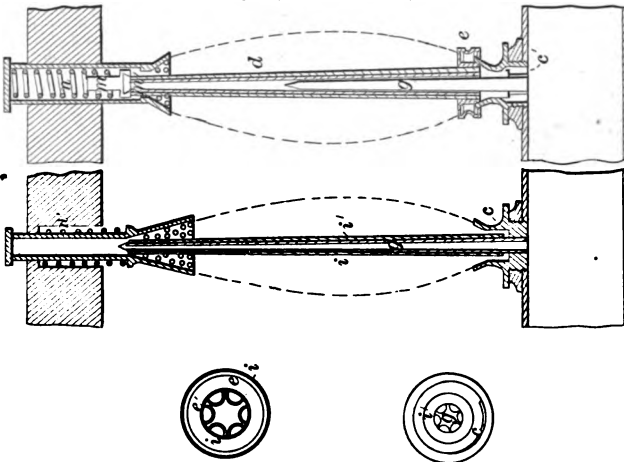
76175—G. W. Eddy—For Warming Cars.



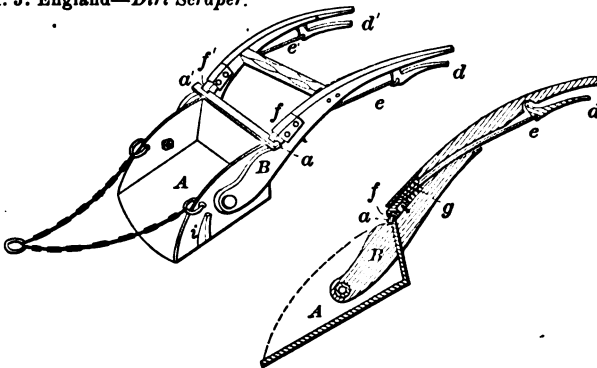
76177—W. H. Elliott—For Brewing Beer.



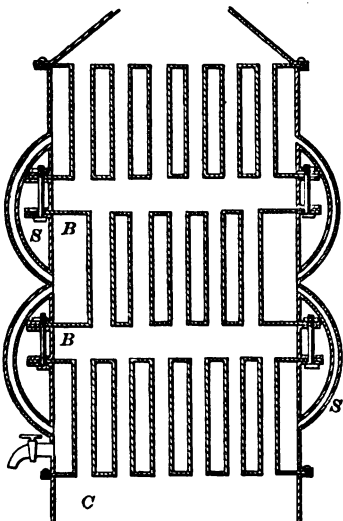
76178—Elliott & Osgood—For Dyeing and Bleaching Yarn.



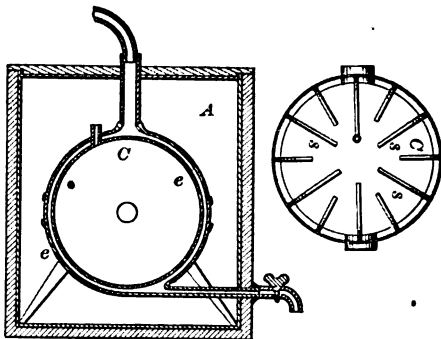
76179—H. J. England—Dirt Scraper.



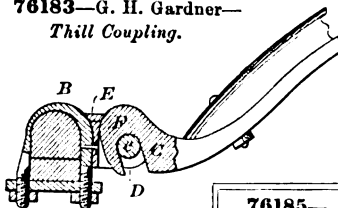
**76180**—A. S. Foster—*Steam Generator.*



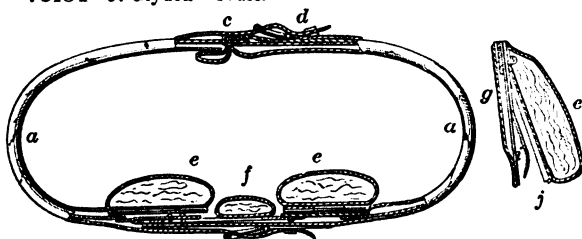
**76181**—H. C. Fowler—*For Cooling Liquids.*



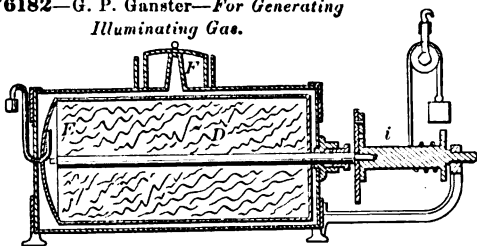
**76183**—G. H. Gardner—*Thill Coupling.*



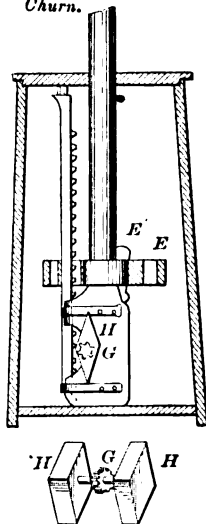
**76184**—J. Glydon—*Truss.*



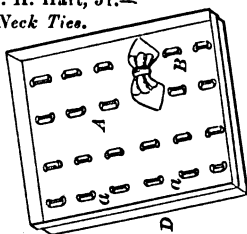
**76182**—G. P. Ganster—*For Generating Illuminating Gas.*



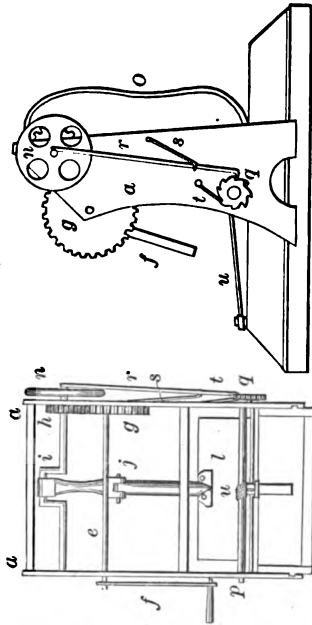
**76185**—  
E. T. Harlan—*Churn.*



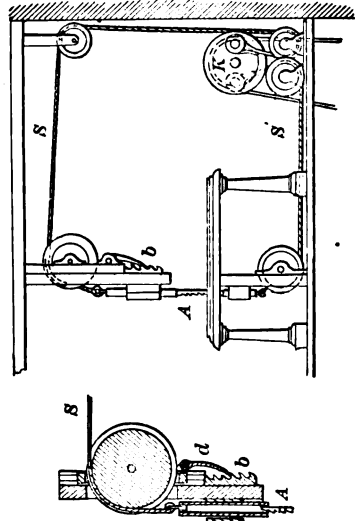
**76186**—W. H. Hart, Jr.—*Packing Neck Tie.*



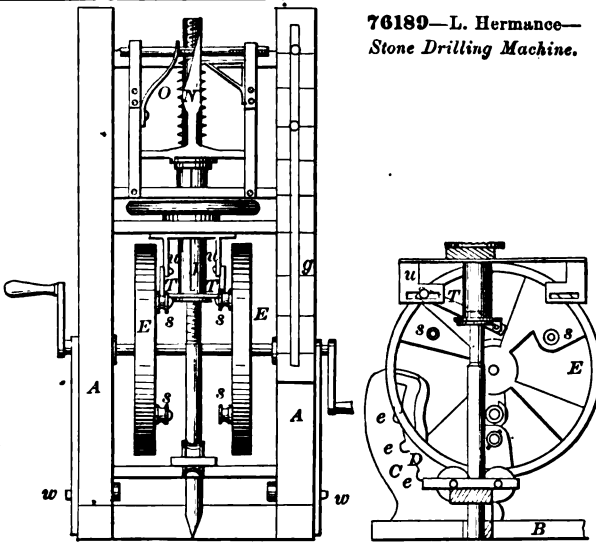
76187—N. L. Hatch—Meat Chopper.



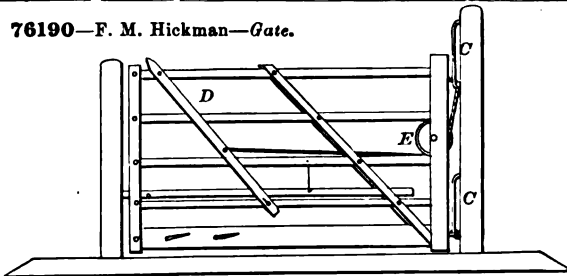
76191—H. D. Hinternesch—Saw Mill.



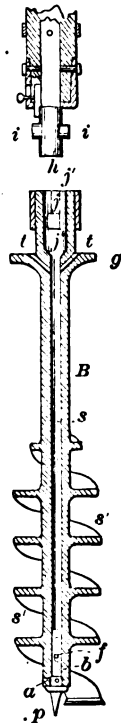
76189—L. Hermance—Stone Drilling Machine.



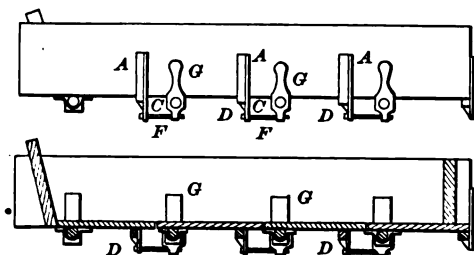
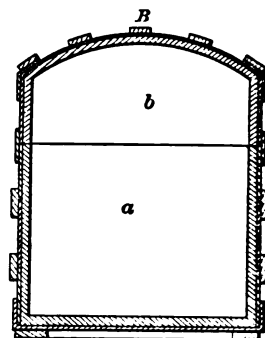
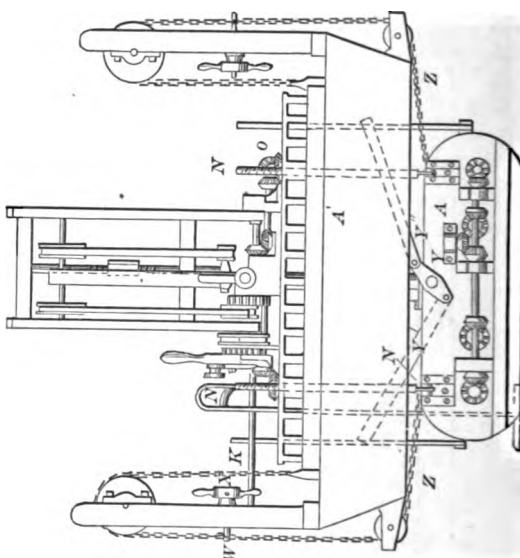
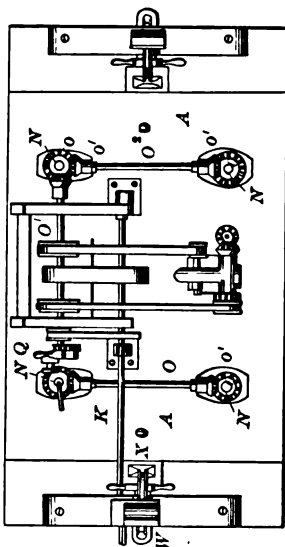
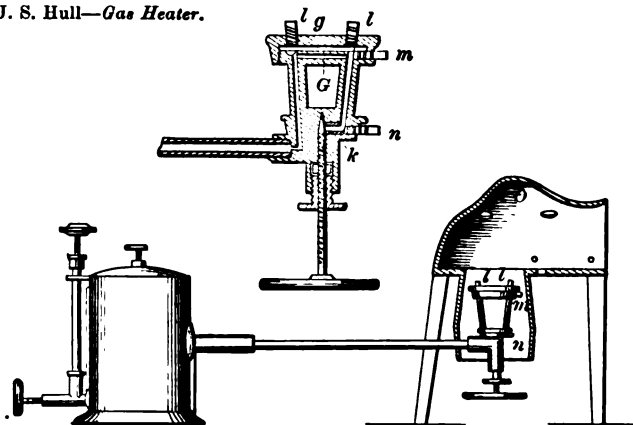
76190—F. M. Hickman—Gate.



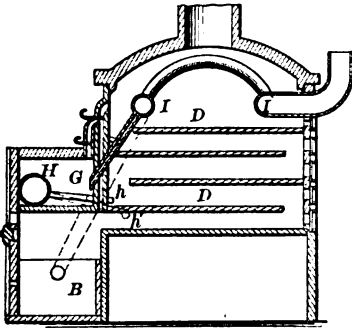
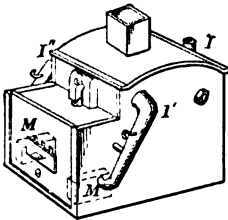
76188—J. W. Heath—Earth Boring Auger.



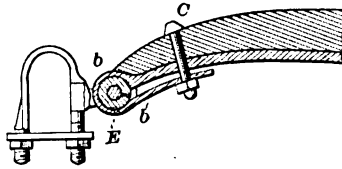


**76192—J. Holmes—Dumping Wagon.****76193—C. Horton—Trunk.****76194—G. Howell—For Filling Marshes.****76195—J. S. Hull—Gas Heater.**

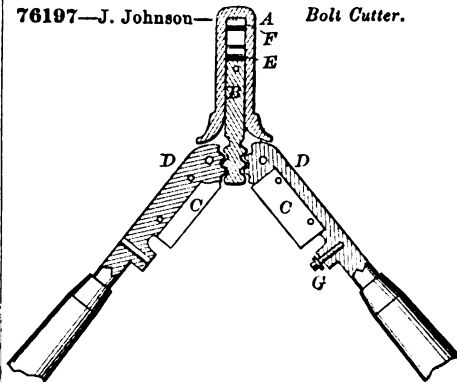
**76196**—J. Jameson—*For the Manufacture of Iron.*



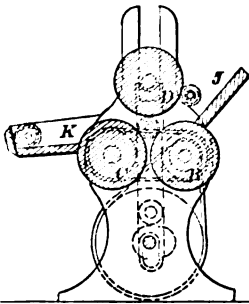
**76198**—P. Jones—*Thill Coupling.*



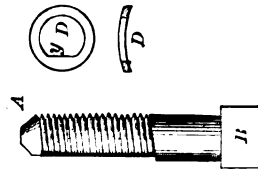
**76197**—J. Johnson—*Bolt Cutter.*



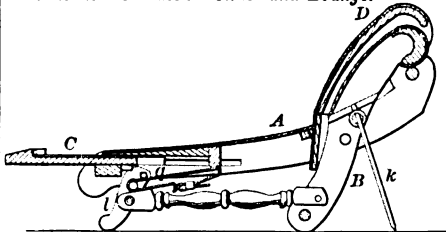
**76199**—W. C. Joslin—*For Rolling "Cots" on Drawing Rollers.*



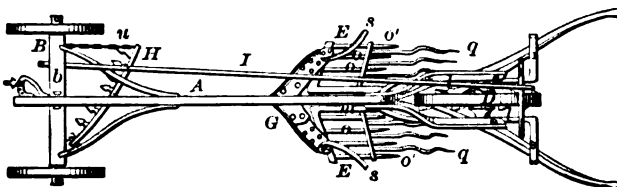
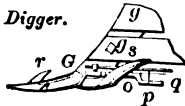
**76201**—S. W. Kirk—*Lock Nut.*



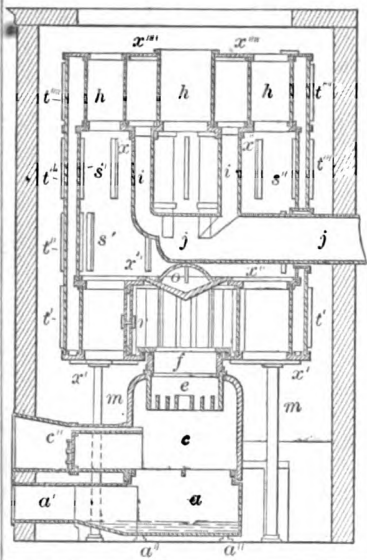
**76202**—G. Knell—*Chair and Lounge.*



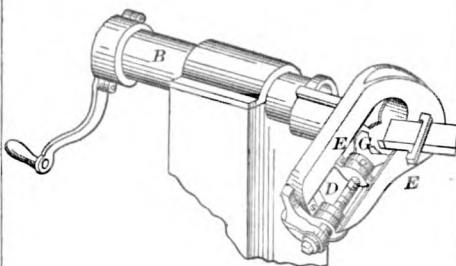
**76200**—G. W. Kintz—*Potato Digger.*



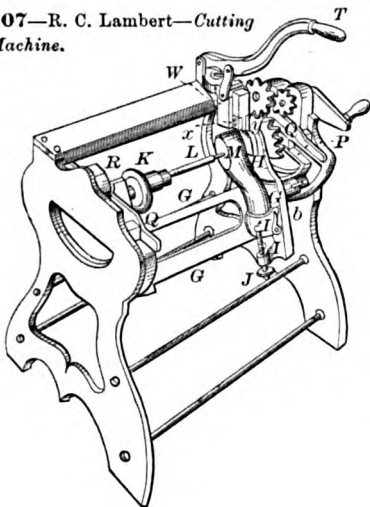
76203—A. Knobel—Hot Air Furnace.



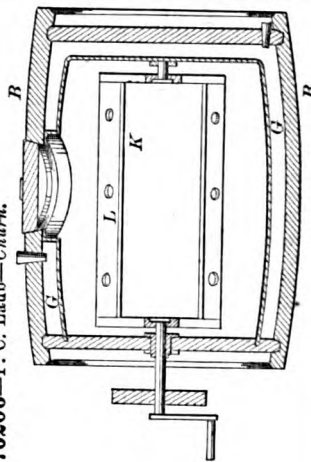
76205—F. Kraus—Hollow Auger.



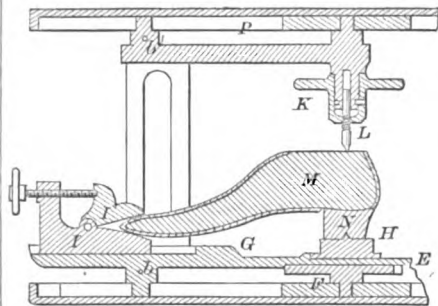
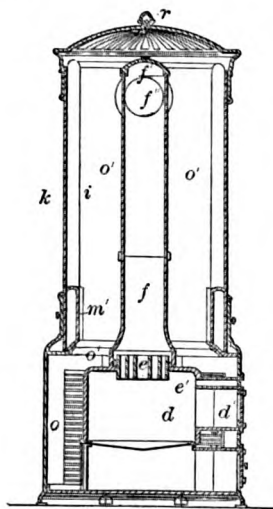
76207—R. C. Lambert—Cutting Machine.



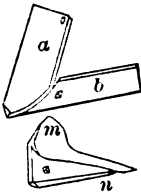
76206—P. C. Laub—Churn.



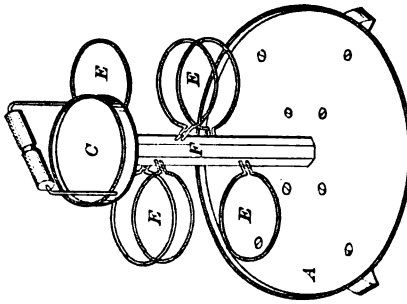
76204—A. Knobel—Coal Stove.



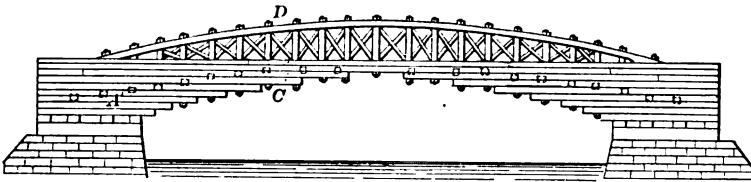
76208—J. Lane—*Plow.*



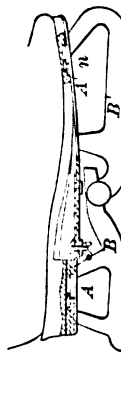
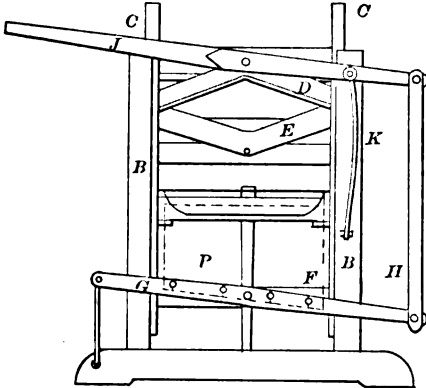
76211—J. C. Libbey—*Table Waiter.*



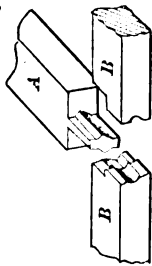
76212—L. Liscum—*Bridge.*



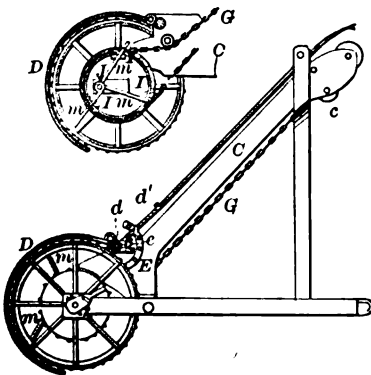
76209—J. Laughlin—*Straw Cutter.*



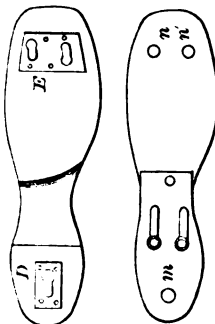
76210—W. J. Lewis—*For Heading Bolts.*



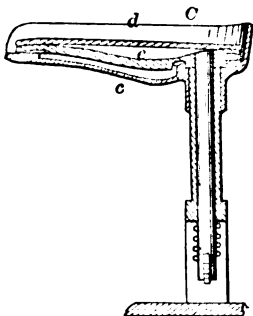
76215—O. Luce—*Hay Raker and Loader*



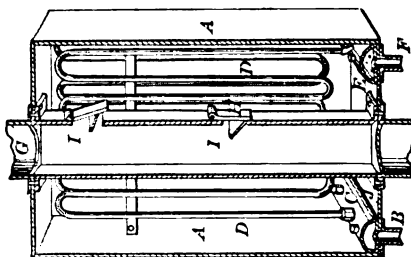
76214—Lovellidge & Grindrod—*Skate.*



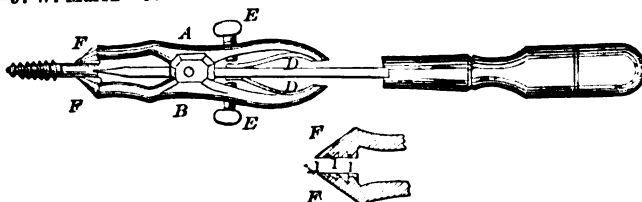
**76216**—Lucy & Murphy—For  
Lining Boots and Shoes.



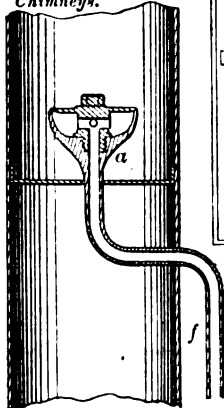
**76217**—G. W. Mack—Feed Water Heater for  
Steam Generators.



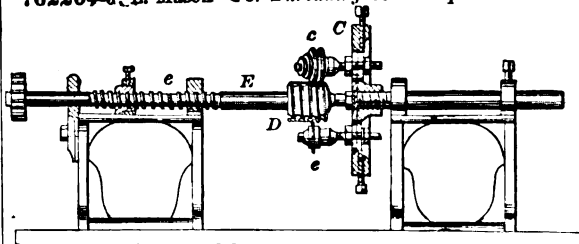
**76218**—J. W. Marsh—Combination Tool.



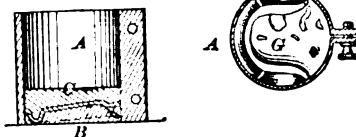
**76219**—W. H. Martin—  
Creating Draft in  
Chimneys.



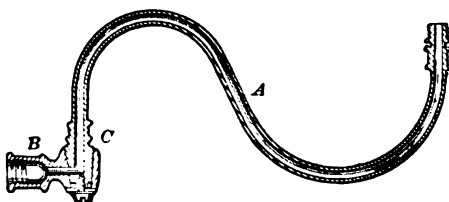
**76220**—J. L. Mason—For Threading Screw Caps.



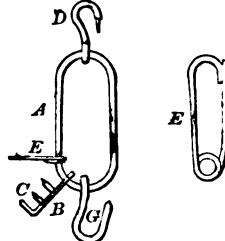
**76221**—J. A. McColland—Artificial Teeth Mould.



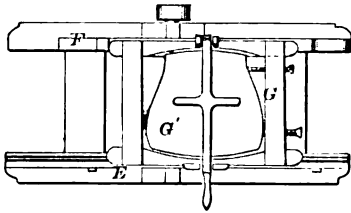
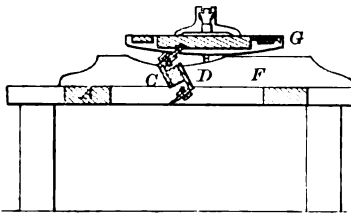
**76222**—E. McClintock—Gas Fixture.



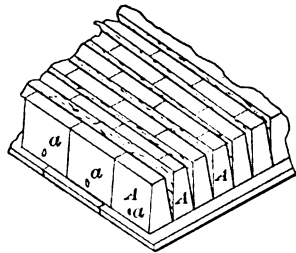
**76224**—J. K. McDonald—Door  
and Package Hpldr.



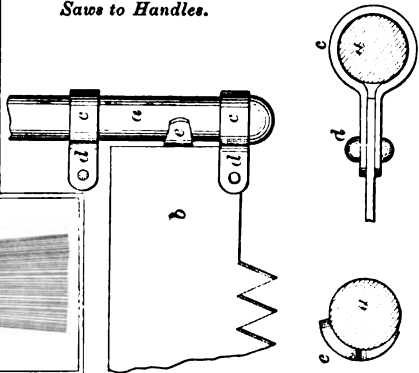
**76226**—H. Meyer—*For Dressing Chair Seats.*



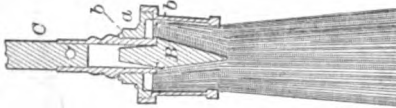
**76227**—Miller & Mason—*Wood Pavement.*



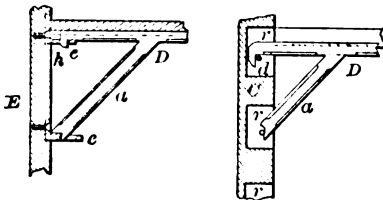
**76228**—W. P. Miller—*Attaching Cross Cut Saws to Handles.*



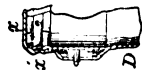
**76230**—J. W. Moore—*Paint Brush.*



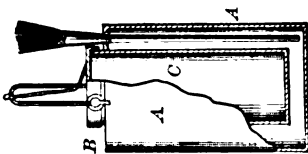
**76232**—E. S. Moore—*Shelf Bracket.*



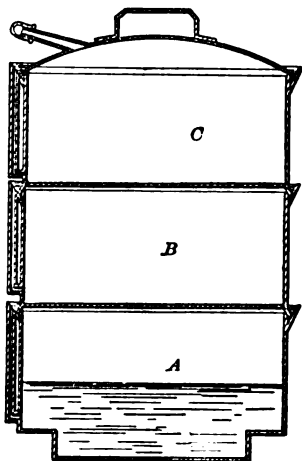
**76229**—D. Miller—*Paint Can.*



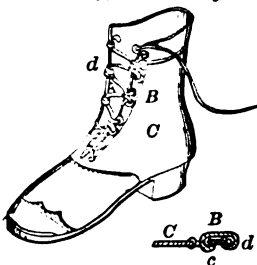
**76233**—W. F. Muchmore—*Glue Can.*

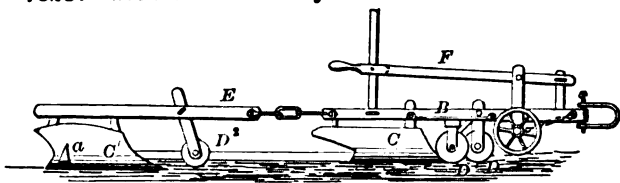
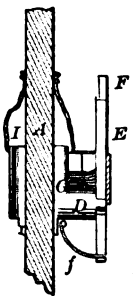
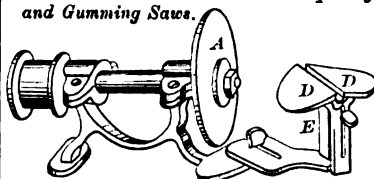
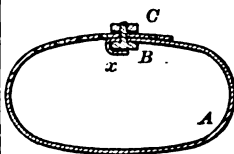
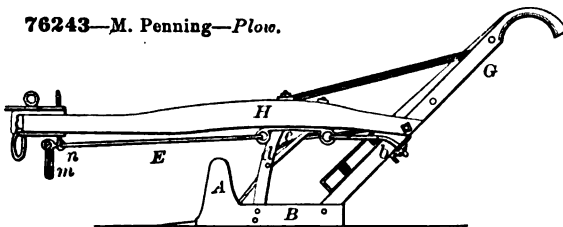
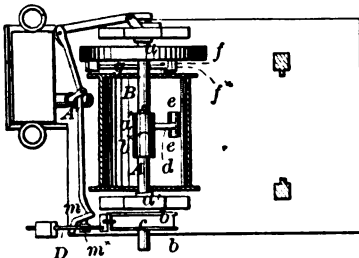
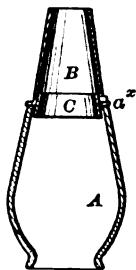
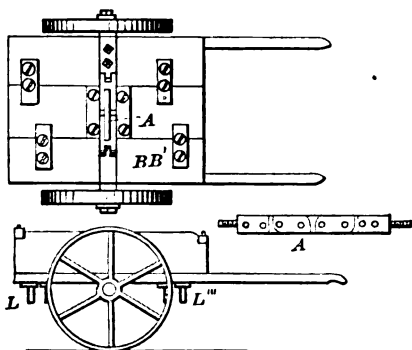
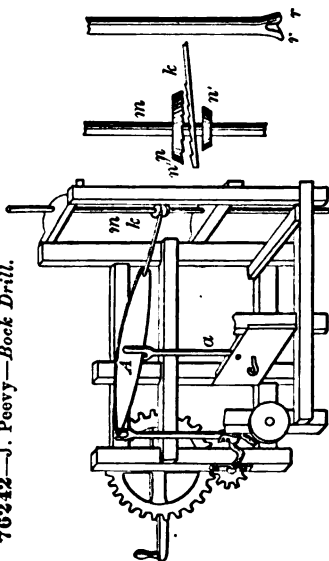


**76231**—F. Morandi—*Culinary Apparatus.*

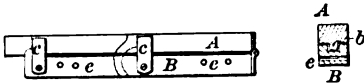


**76234**—J. Nealey, Jr.—*Lacing Device.*

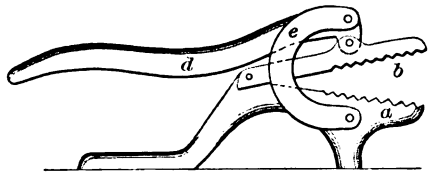


**76237—W. A. Nichols—Ditching Machine.****76235—T. Nevilson, Jr.—Hoe Seed Dropper.****76236—A. W. Newhall—For Sharpening and Gumming Saws.****76238—H. W. Oliver, Jr.—Band for Baling Cotton.****76243—M. Penning—Plow.****76240—C. R. Otis—Hoisting Apparatus.****76239—Onions & Roberts—Lamp Chimney.****76241—F. Parkerson—Wheelbarrow.****76242—J. Peavy—Bock Drill.**

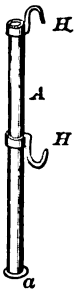
**76246**—C. Powers—*Clamp for Holding Palm Leaf Warp.*



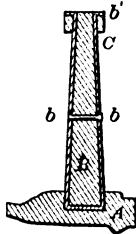
**76247**—E. L. Pratt—*Nut Cracker.*



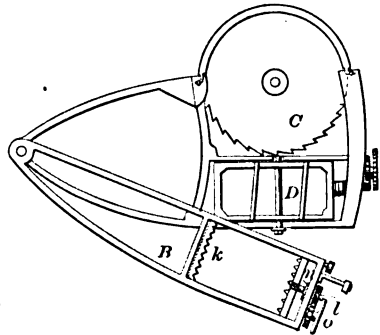
**76248**—W. Richardson—*Basket Holder.*



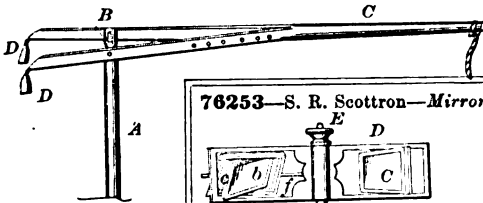
**76249**—P. R. Ridgely—*Wagon Wheel.*



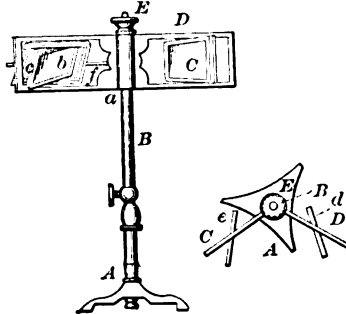
**76250**—D. W. Roche—*Shingle Machine.*



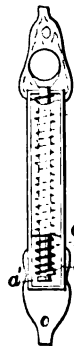
**76254**—J. Scribner—*Animal Tether.*



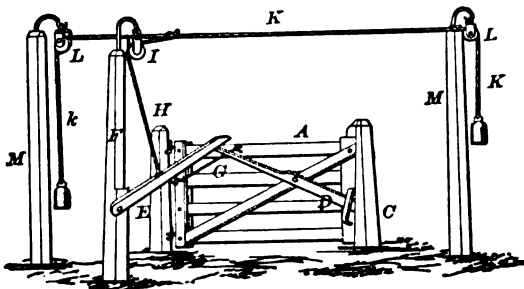
**76253**—S. R. Scottron—*Mirror.*



**76252**—L. J. Schaefer—*Curtain Fixture.*

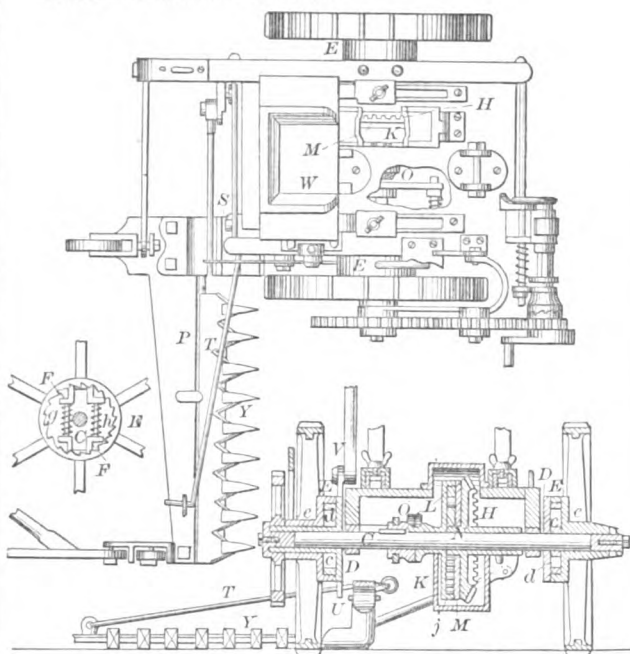


**76251**—E. Roth—*Gate.*

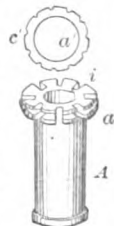




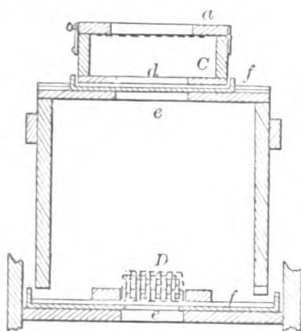
76255—A. Shebanek—Harvester.



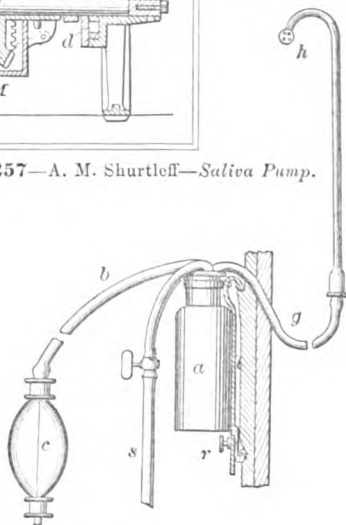
76259—O. M. Smith—Umbrella Runn.



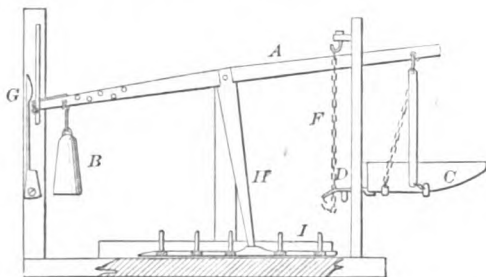
76258—Smith &amp; Reed—Beehive.



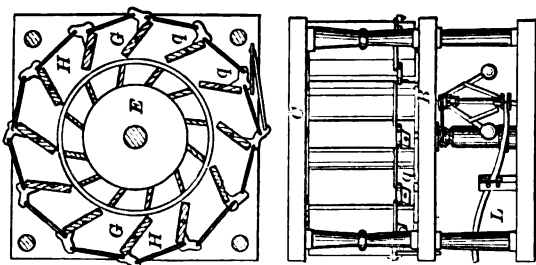
76257—A. M. Shurtleff—Saliva Pump.



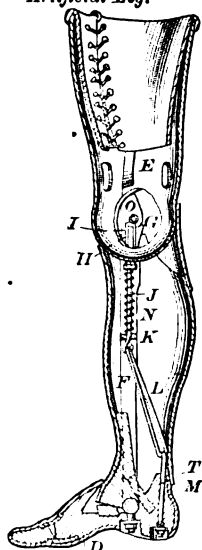
76260—J. H. Soule—Milk Stirrer.

76262—A. H. Southwick—  
Heel Protector.

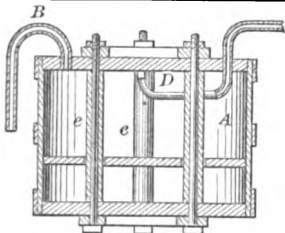
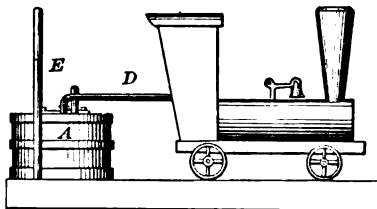
76261—A. H. Southwick—Windmill.



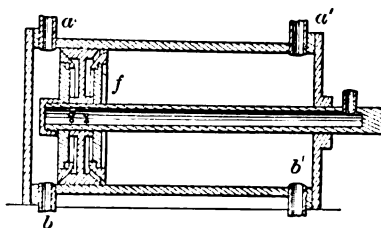
76267—A. Strasser—Artificial Leg.



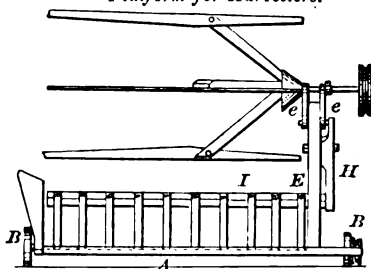
76264—C. L. Stevens—Steam Water Elevator.



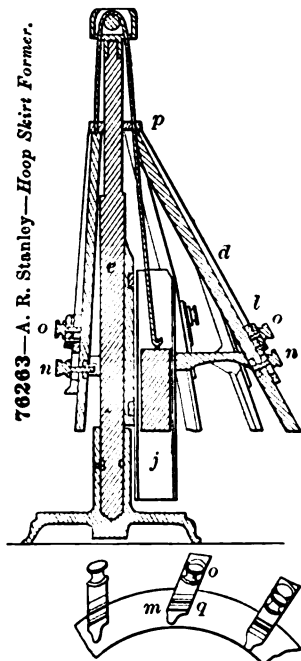
76268—W. Swayne—Piston.



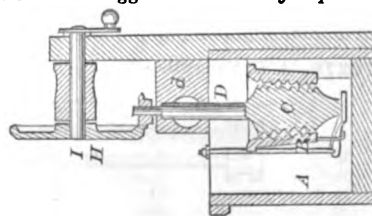
76269—C. R. & J. O. Taber—Dropping Platform for Harvesters.

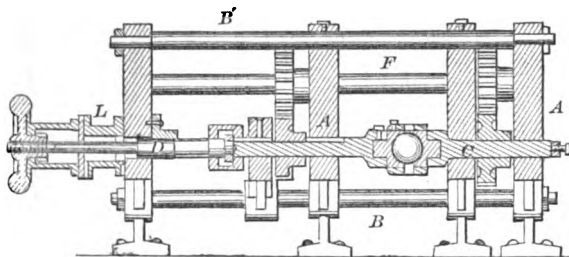
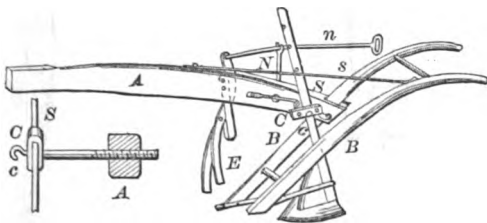
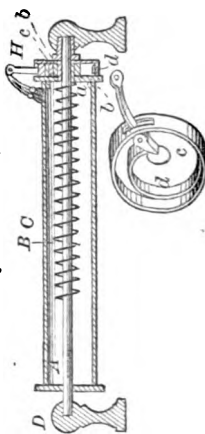
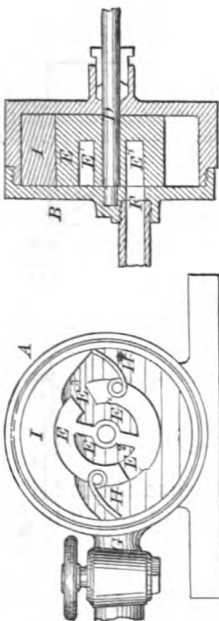
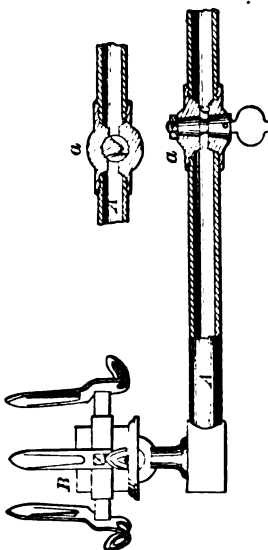
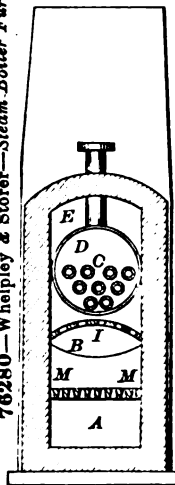
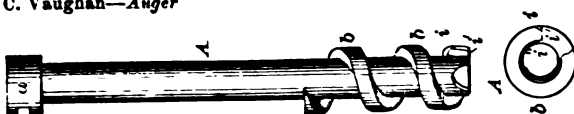


76263—A. R. Stanley—Hoop Skirt Former.

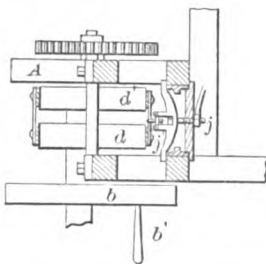
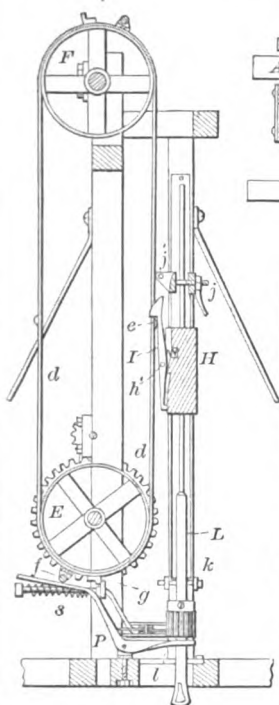


76270—J. Taggart—For Making Paper Pulp.

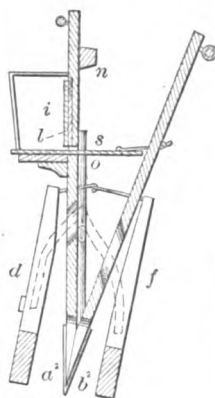


**76271—J. B. Tarr—Manufacture of Spherical Shot and Shell.****76275—S. D. Tuttle—Subsoil Plow.****76273—C. E. Thompson—Carriage Curtain Ficture.****76274—C. Turner—Water Meter.****76277—S. B. H. Vance—Gas Burner Cock.****76280—Whelpley & Storer—Steam-Boiler Furnace.****76278—A. C. Vaughan—Auger.**

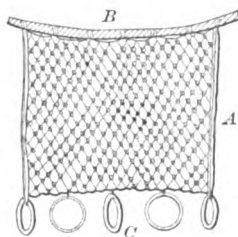
76279—W. Weiler—Rock Drilling Machine.



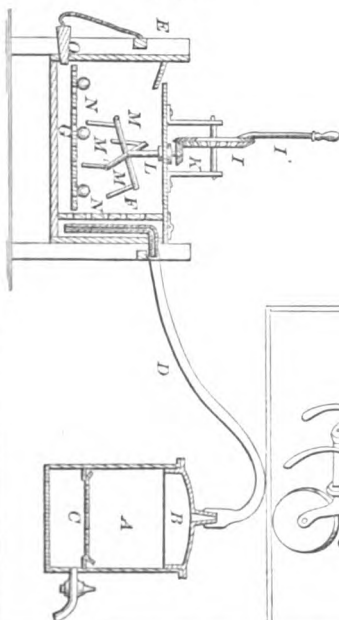
76282—T. H. Wible—Corn Planter.



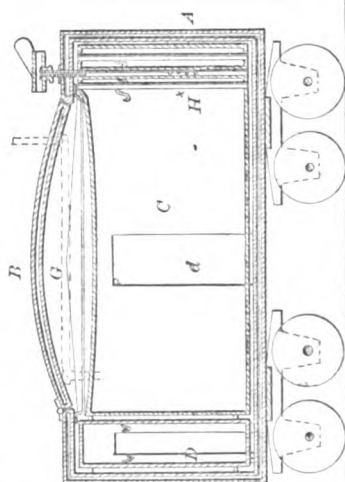
76284—D. Wills—Gill Net.



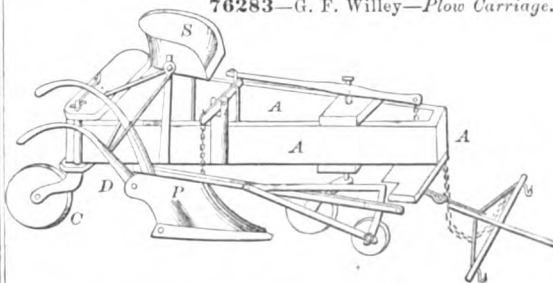
76281—L. H. Whitney—Washing Machine.



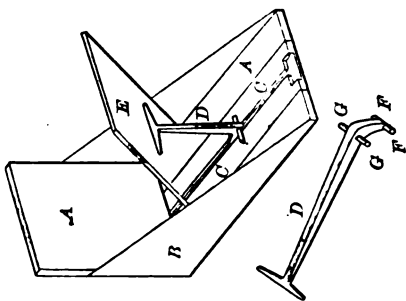
76285—G. K. Wood—Refrigerating Car.



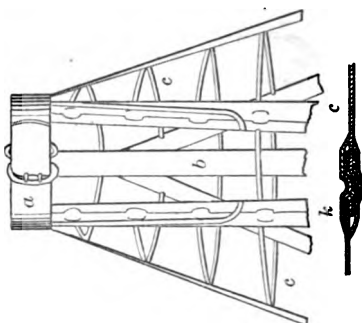
76283—G. F. Willey—Plow Carriage.



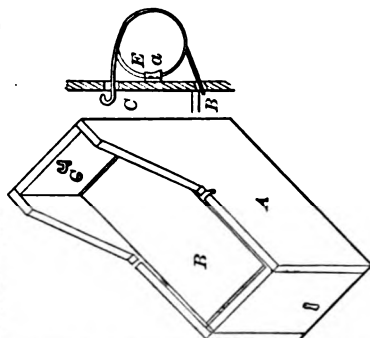
76287—Woodruff &amp; Green—Paper File.



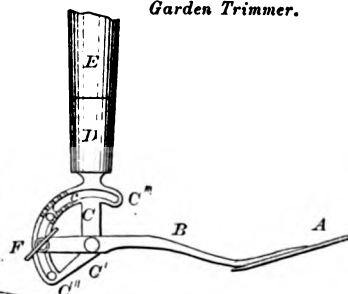
76291—A. R. Stanley—Hoop Skirt.



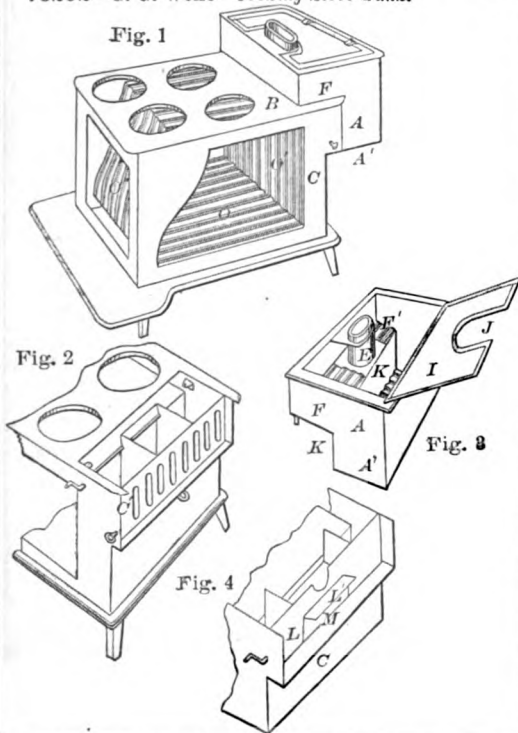
76289—W. L. Starr—Animal Trap.



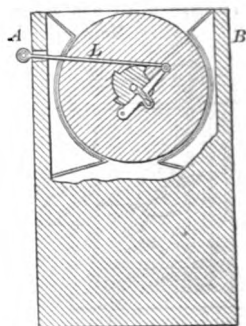
76288—I. Pardee—Scuffle Hoe and Garden Trimmer.



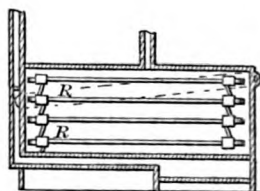
76292—G. G. Wolfe—Cooking Stove Tank.



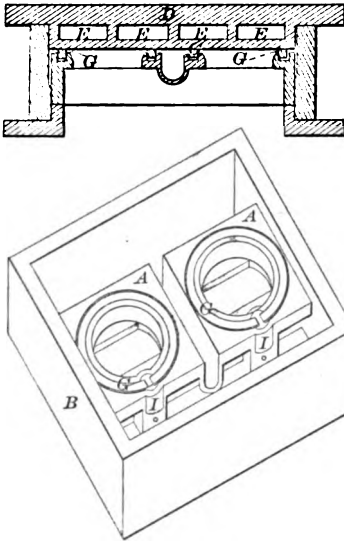
76290—J. E. Woodruff—Fare Box for Passenger Cars.



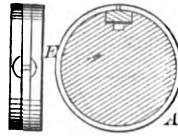
76293—W. Mullee—Manufacture of Hard Rubber.



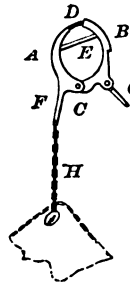
76294—T. A. Bisbee—*Slide Valve.*



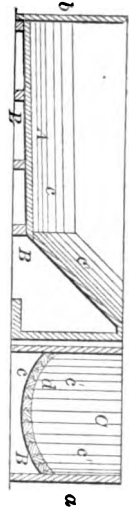
76295—T. A. Bisbee—*Piston Packing.*



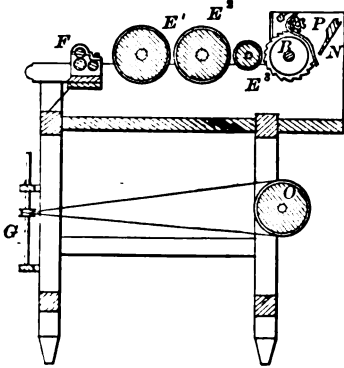
76297—J. Brosius—*Safety Pocket Attachment.*



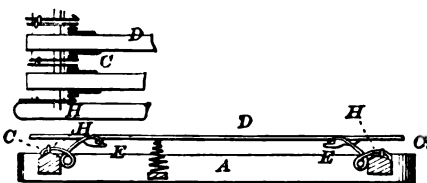
76298—A. C. Brownell—*Bath Tub.*



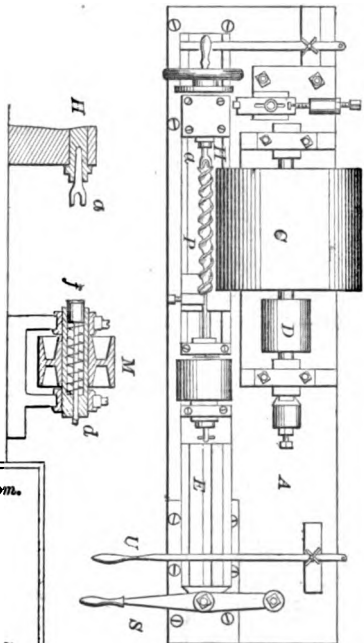
76299—J. E. Burdge—*Spinning Machine.*

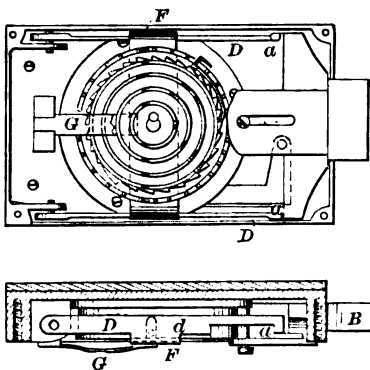
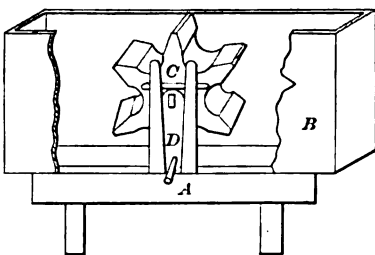
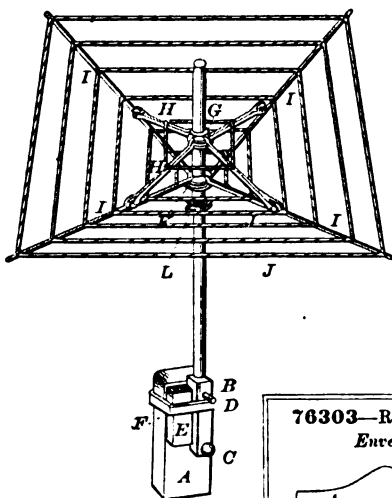
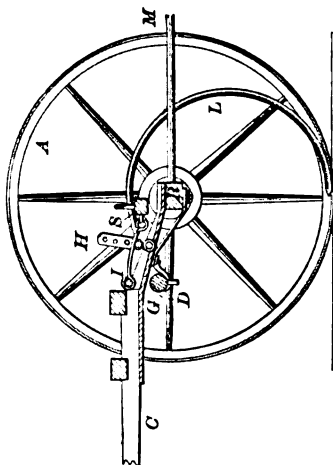
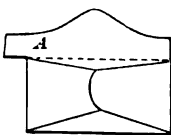
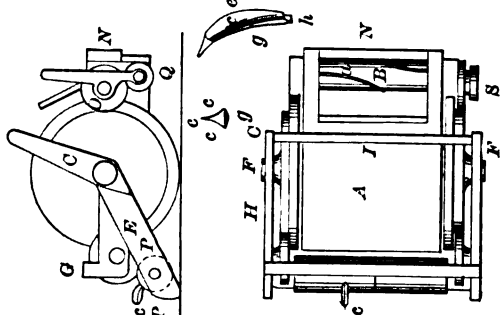
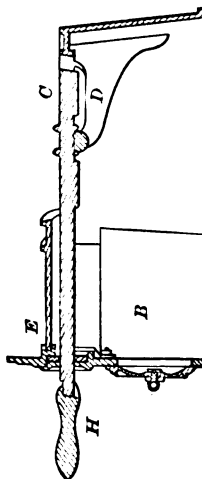


76296—L. R. Bradbury—*Spring Bed Bottom.*

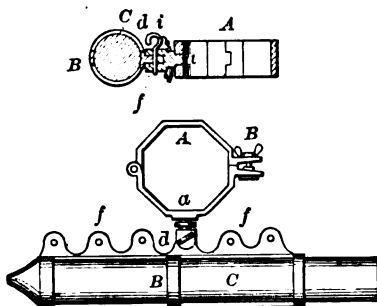


76301—E. O. & E. Carrington—*For Grinding and Cutting Down Augers.*

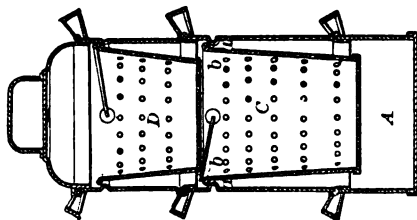


**76300**—W. C. Bussey—*Combination Lock.***76304**—J. L. Colburn—*Butter Worker.***76305**—H. P. Crouse—*Clothes Dryer.***76307**—G. Deal—*Horse Rake.***76303**—R. S. Clark—*Envelope.***76306**—C. G. Curtis—*Seed Sower and Cultivator.***76302**—G. Chilson—*Stove Grate.*

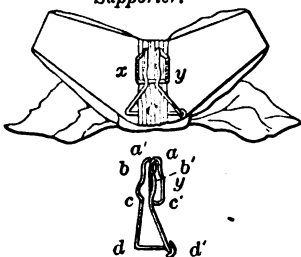
**76309**—G. Downing—*Spritsail Boom Sling.*



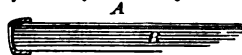
**76310**—H. L. Dunklee—*Culinary Vessel.*



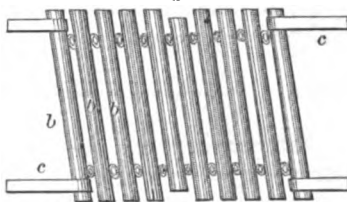
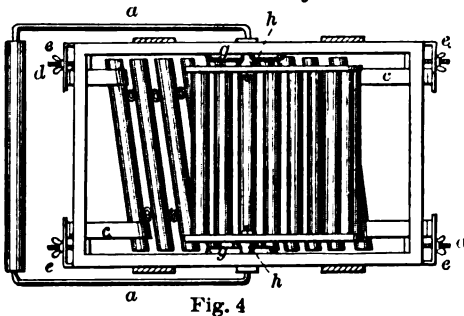
**76312**—G. R. Eager—*Necktie Supporter.*



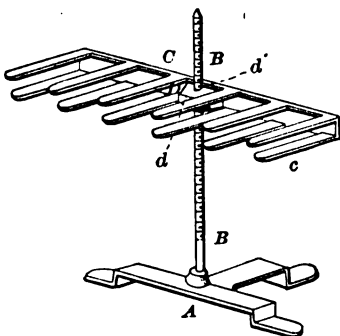
**76311**—J. Dyer—*Self-Canceling Railway Ticket.*



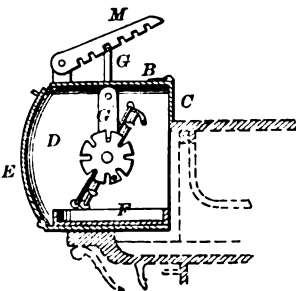
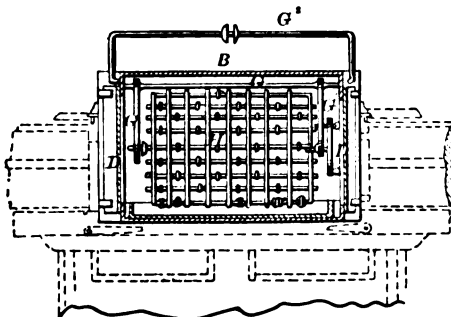
**6313**—N. T. Edson—*Washing Machine.*



**76316**—M. E. A. W. Evard—*Toaster.*

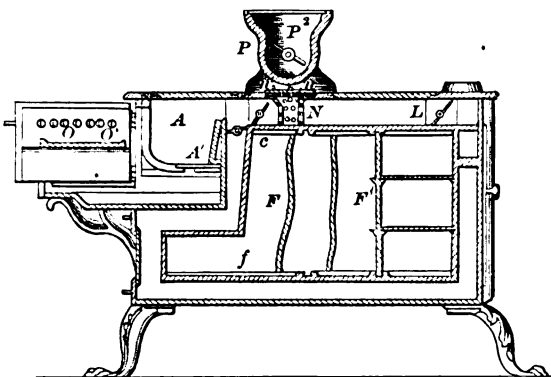
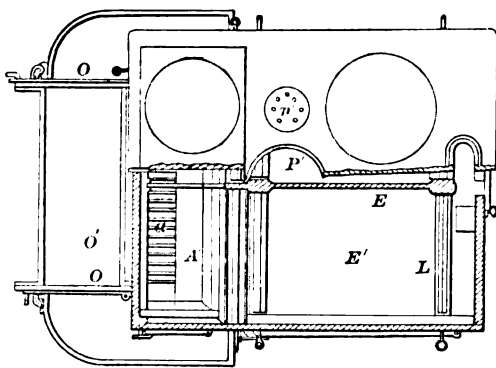


**76314**—M. E. A. W. Evard—*Broiling Apparatus.*

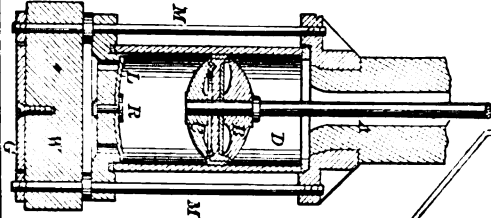




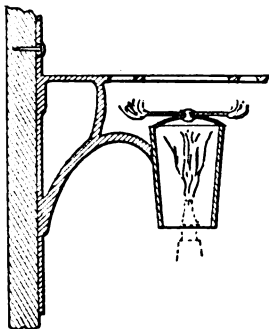
76315—M. E. A. W. Evard—Cooking Stove.



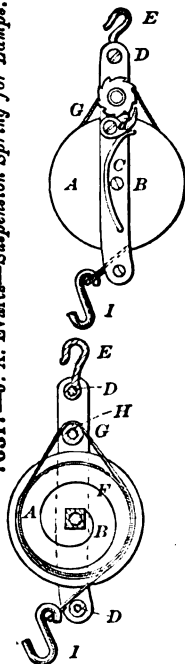
76318—A. Fisher—Pump.



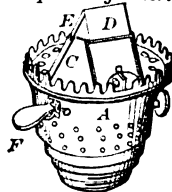
76321—M. Germann—Gas Cooking Apparatus.



76317—J. A. Evarts—Suspension Spring for Lamps.



76319—J. W. Fowle—Lamp Extinguisher.



76320—C. W. Gage—Fruit Gatherer.

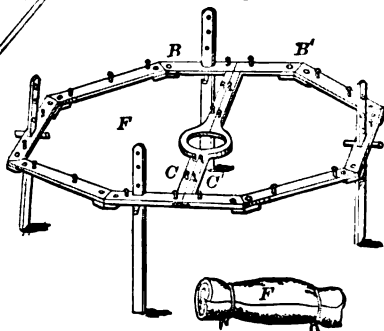
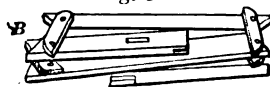
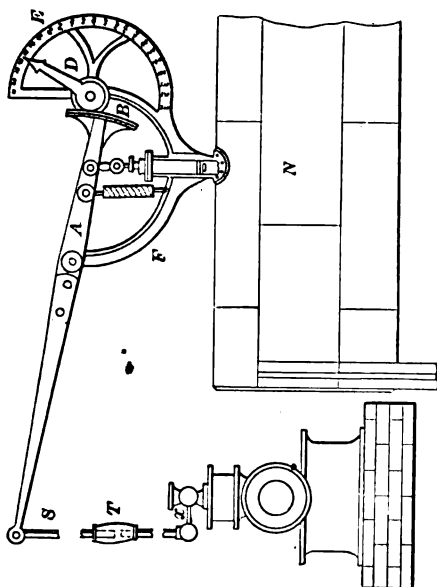


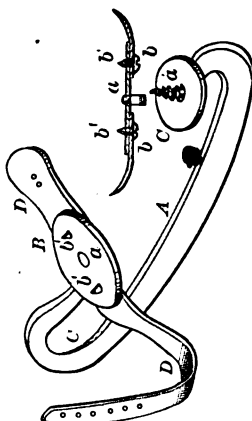
Fig. 3



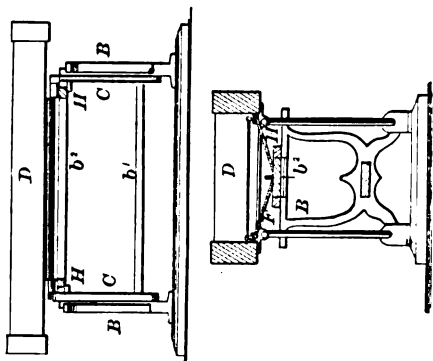
76322—J. W. Gray—Steam Engine Governor



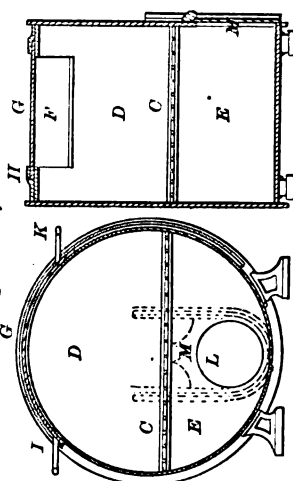
76324—M. C. Haight—Skate



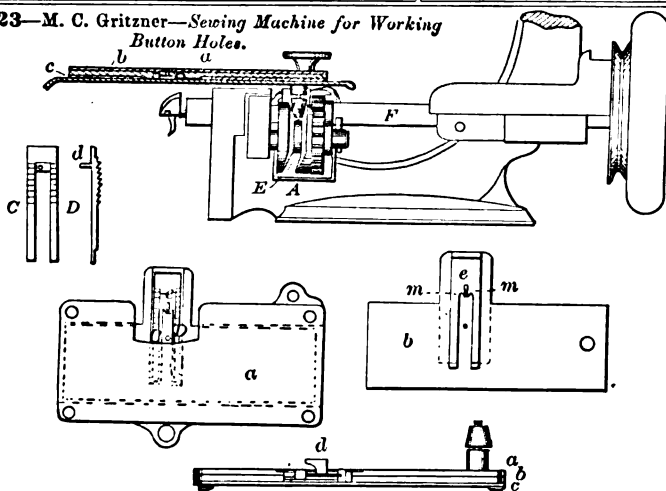
76325—S. B. Holden—Car Seat.



76327—S. S. Hughson—Sifter.



76323—M. C. Gritzner—Sewing Machine for Working Button Holes.



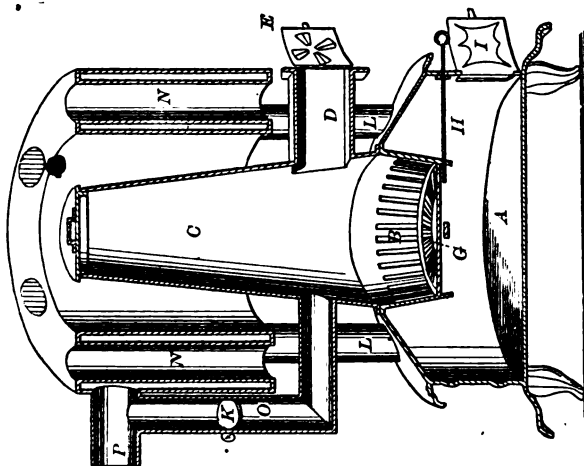
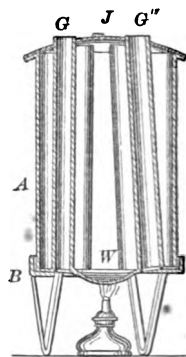
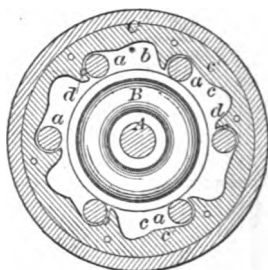
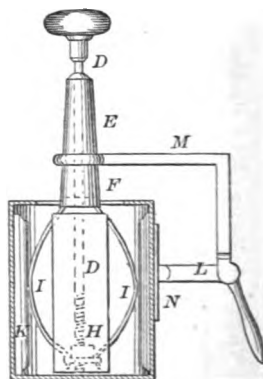
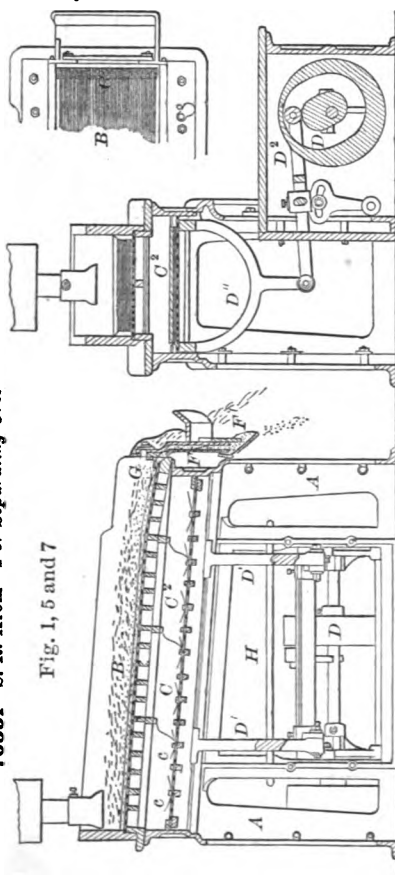
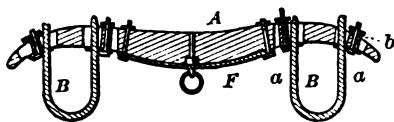
**76326—R. Holmes—Base Burning Stove.****76329—J. Johnson—Heating Apparatus.****76328—Johnson & Birch—Friction Clutch.****76330—Kerr & Kelly—For Holding Cane while being Soldered.****76331—S. R. Krom—For Separating Ore.**

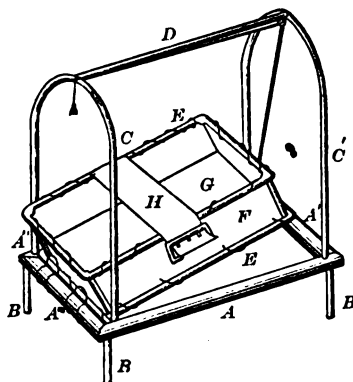
Fig. 1, 5 and 7



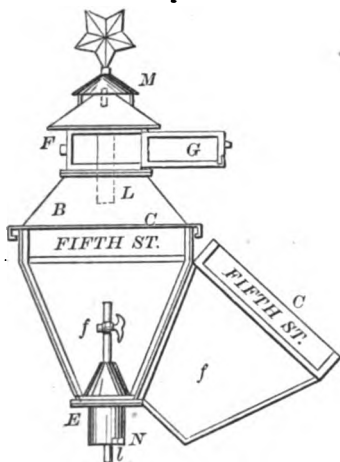
**76332**—I. W. Little—*Ox Yoke.*



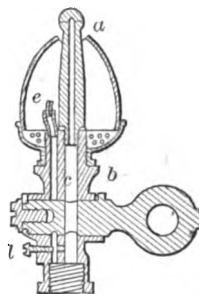
**76336**—M. E. J. Marr—*Child's Bed.*



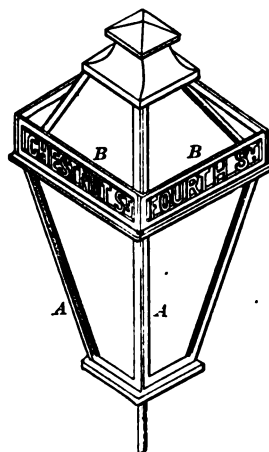
**76335**—T. T. Markland, Jr.—*Street Lamp.*



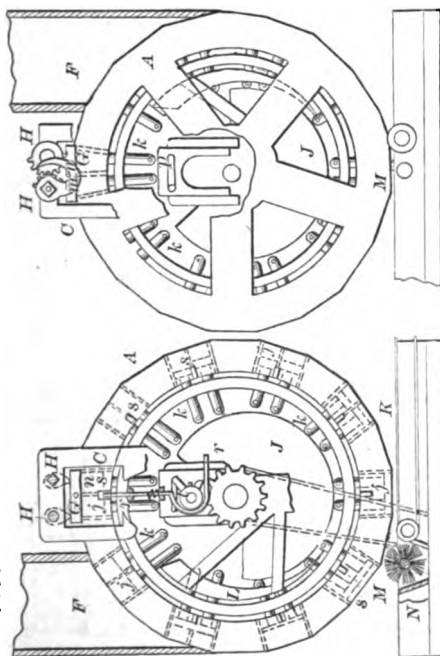
**76333**—R. B. Locke—*Gas Burner.*



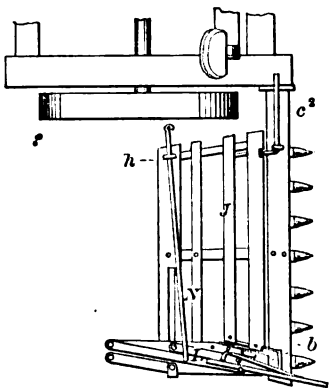
**76334**—T. T. Markland, Jr.—*Name Plate for Street Lamps.*



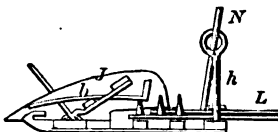
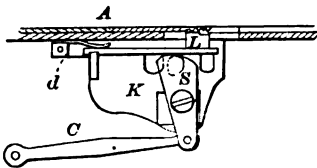
**76337**—J. Martin—*Brick Machine.*



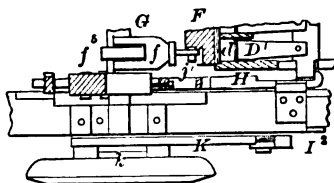
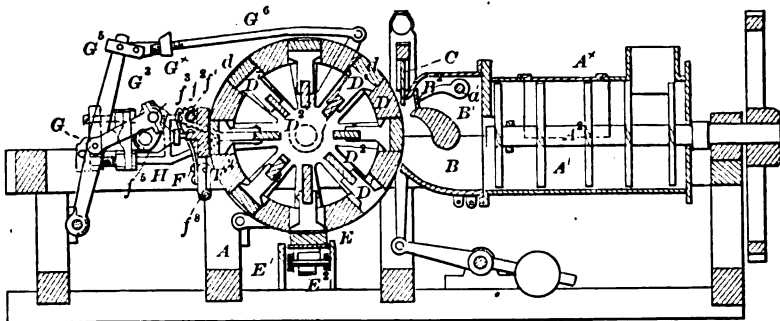
**76339—D. Mendenhall—*Harvester Rake.***



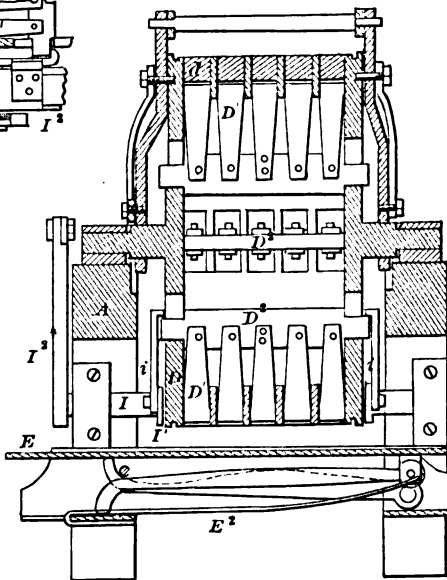
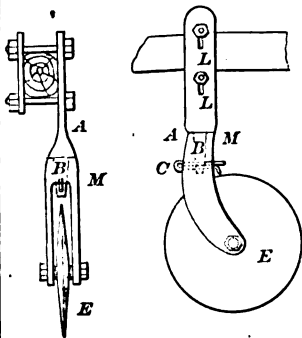
**76340—J. A. Minor—Sewing Machine.**



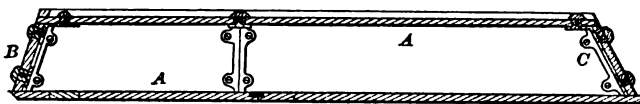
**76341—J. W. Osgood—Brick Machine.**



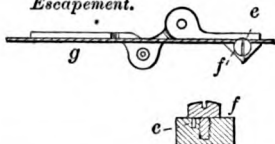
**76343—J. C. Pfeil—Rotary  
Cutter for Plows.**



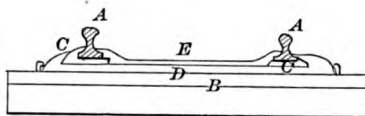
**76344**—Potter & Jones—*Coffin.*



**76346**—G. P. Read—*Chronometer Escapement.*



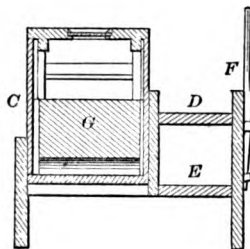
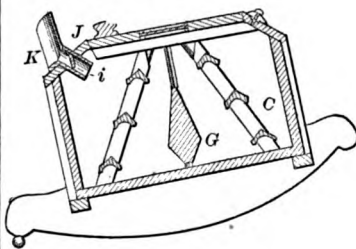
**76348**—E. Robbins—*Railway.*



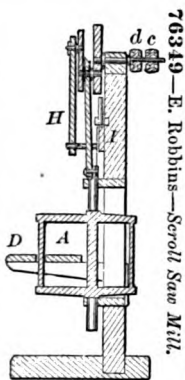
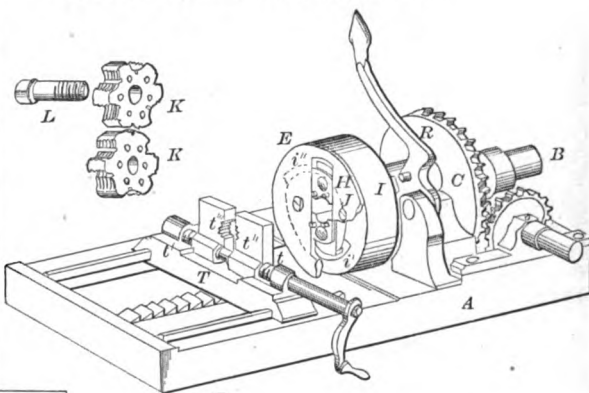
**76347**—Reeves & Solomon—*Button Hole for Paper Articles of Wearing Apparel.*



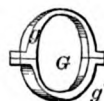
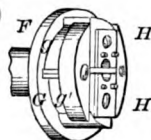
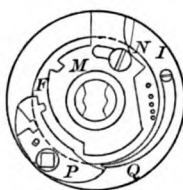
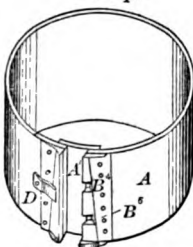
**76350**—T. Rose—*Churn.*



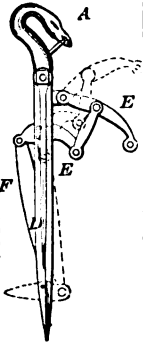
**76351**—E. Royon—*Screw Cutting Machine.*



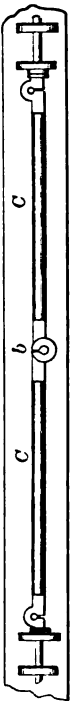
**76345**—S. Purdy—*Cheese Hoop.*



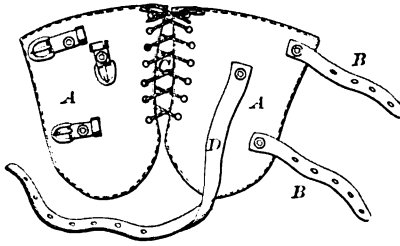
76352—P. Schwitzer—Horse Hay Fork.



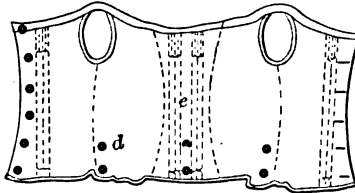
76357—S. Thompson—Attaching Shafts to Vehicles.



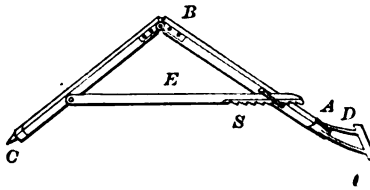
76353—S. B. Sherer—Ankle Brace.



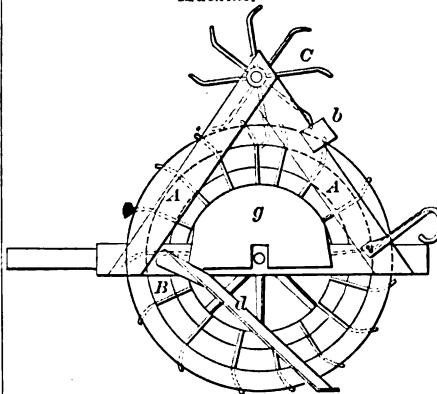
76354—M. B. Solomon—Children's Corsets.



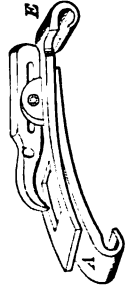
76355—L. B. Southworth—Carpet Stretcher.



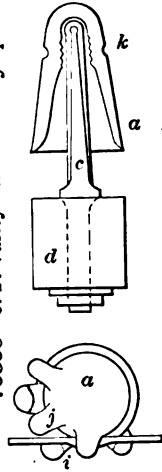
76359—Vaughn &amp; Chamnees—Ditching Machine.



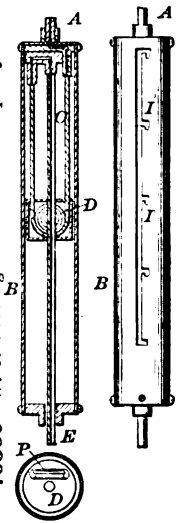
76356—J. A. Stansbury—Hame Lock.



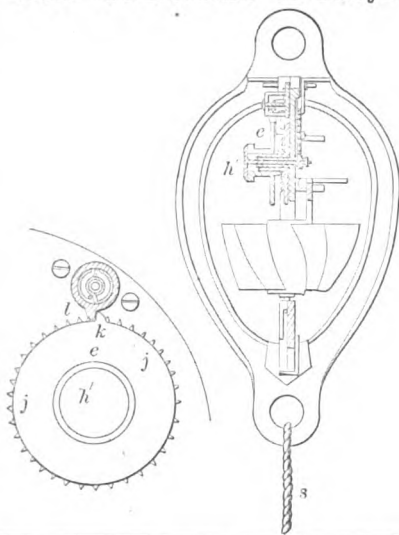
76358—C. F. Varley—Electric Telegraph.



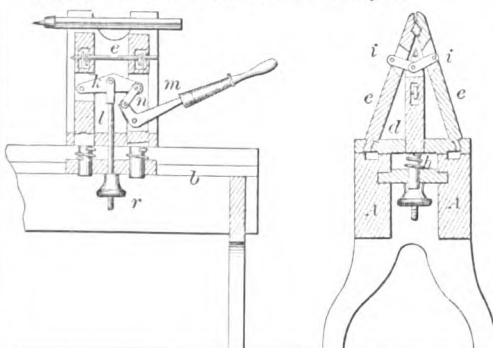
76360—W. C. Vorburgh—Chandelier Drop Light.



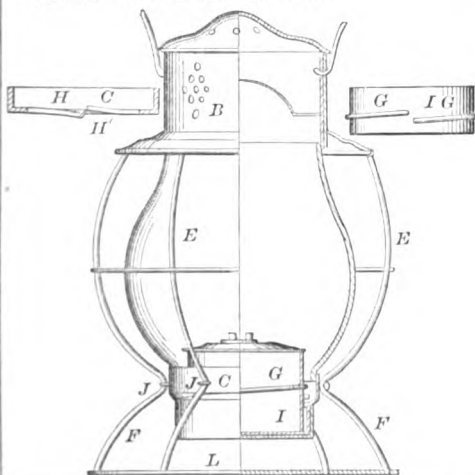
76361—T. & T. F. Walker—For Taking Soundings.



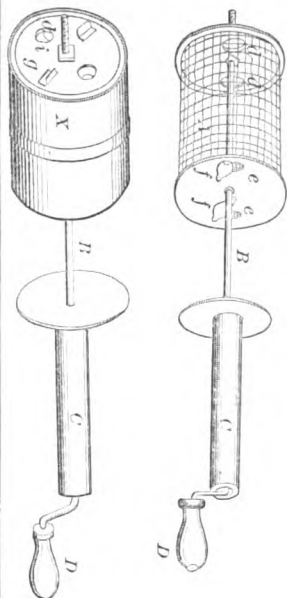
76363—W. J. Watson—Wood Turning Lathe.



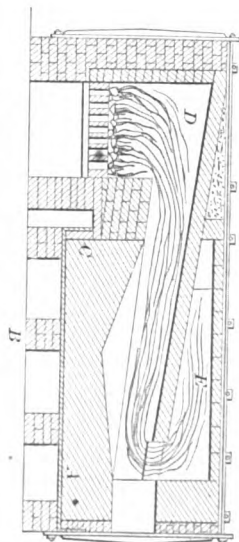
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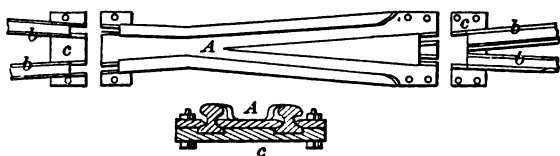
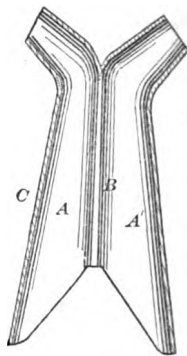
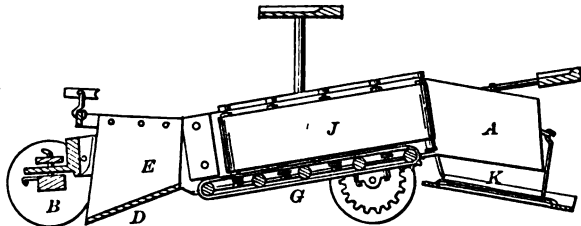
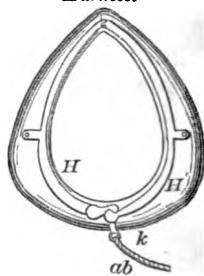
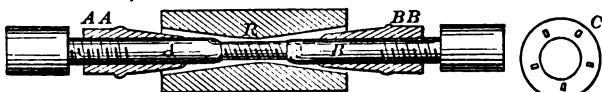
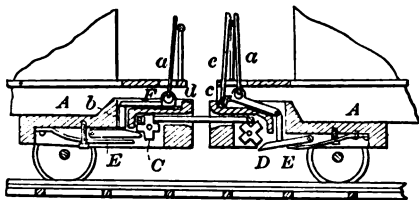
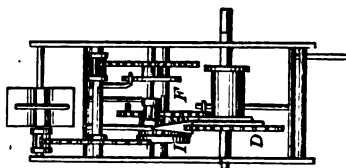
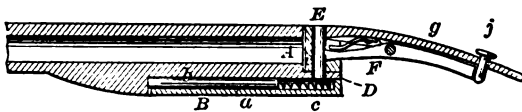
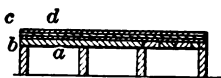
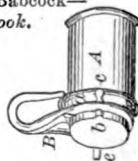
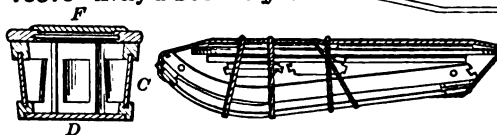
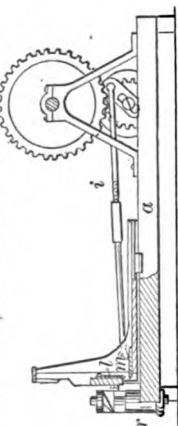
76362—L. A. Warner—Popper and Hooster.



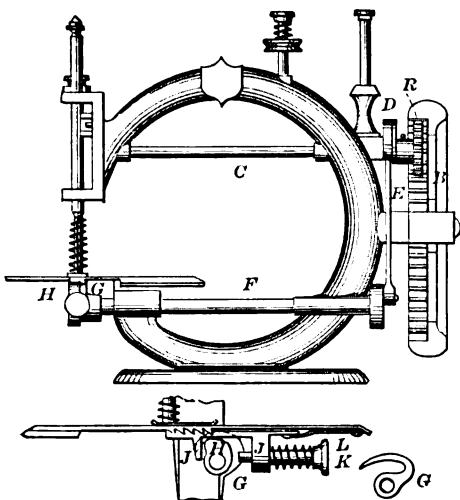
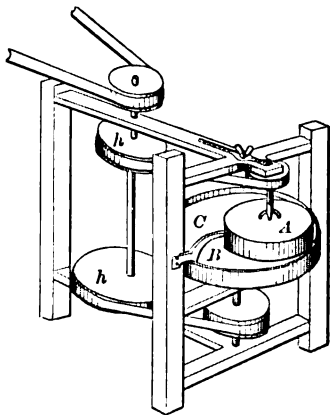
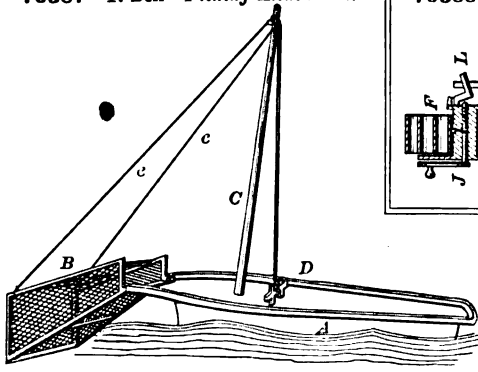
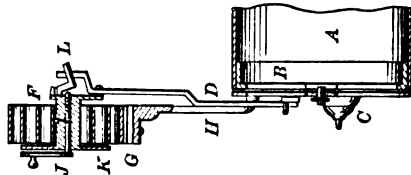
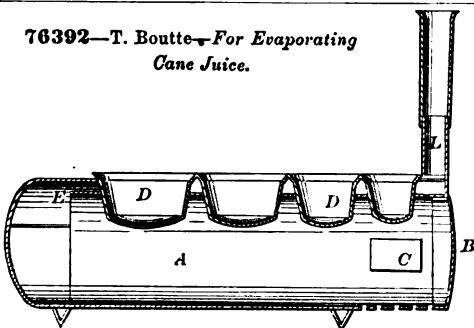
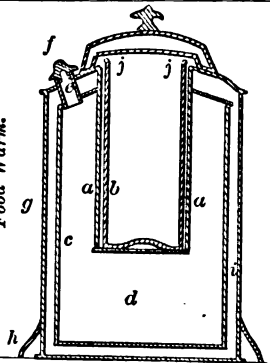
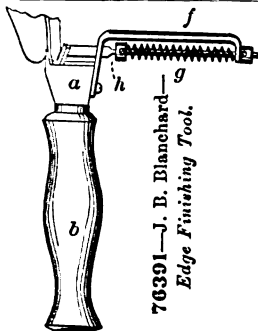
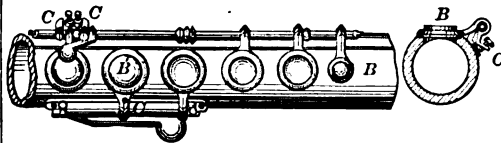
76364—D. P. Webster—Furnace for Smelting Lead Ores.



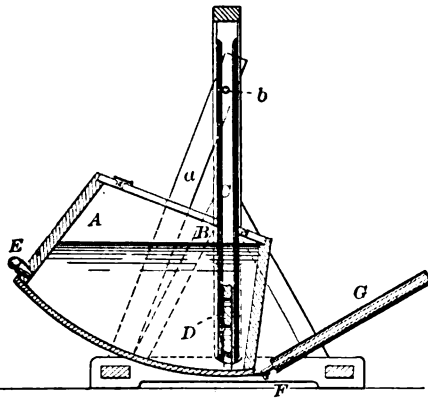


**76365—G. Westinghouse, Jr.—Railway Frog.****76367—W. Westlake—Tea Pot Spout.****76371—B. P. Wright—Potato Digger.****76369—W. S. Wood—Harness.****76372—D. L. Allen—Expanding Mandrel.****76368—E. R. Whitney—Car Coupling.****76370—R. Woolworth—Clock.****76374—C. H. Alsop—Breech Loading Fire Arm.****76375—E. Atkinson—Roof.****76375—C. A. Babcock—Whistle Hook.****76376—Avery & Delill—Coffin.****76373—J. L. Allen—Paper Cutting Machine.**

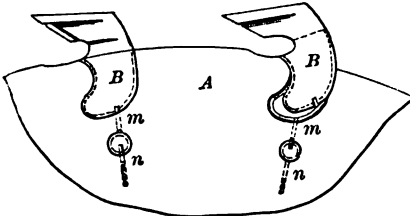


**76385—J. W. Bartlett—Sewing Machine.****76386—C. Belcher—Paint Mill.****76387—T. Bell—Fishing Attachment.****76388—Bender & Teller—Thermostat.****76392—T. Boutte—For Evaporating Cane Juice.****76390—E. Boyan—For Keeping Food Warm.****76389—T. Berteling—Flute.****76391—J. B. Blanchard—Edge Finishing Tool.**

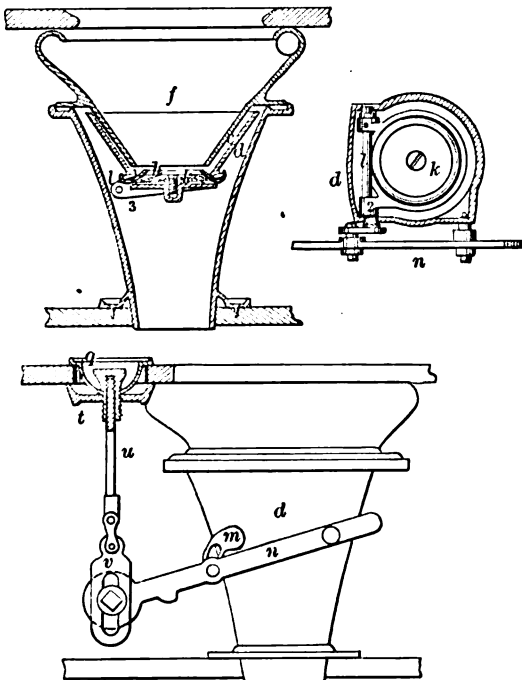
**76393**—E. Y. Boyce—*Washing Machine.*



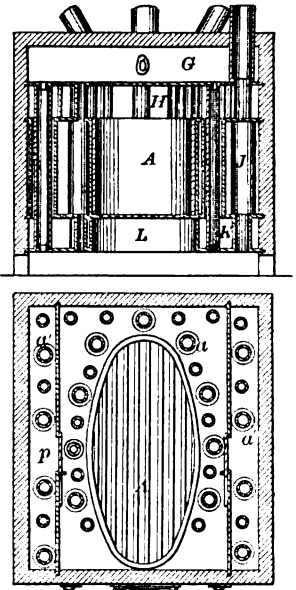
**76395**—I. S. & C. N. Brown—*Saw.*



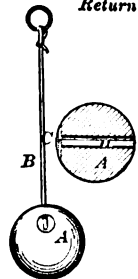
**76398**—W. S. Carr—*Water Closet.*



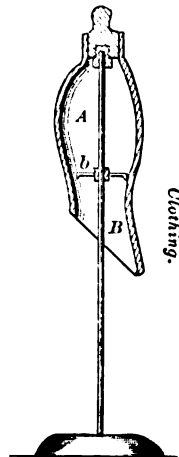
**76397**—H. G. Burr—*Hot Air Furnace.*

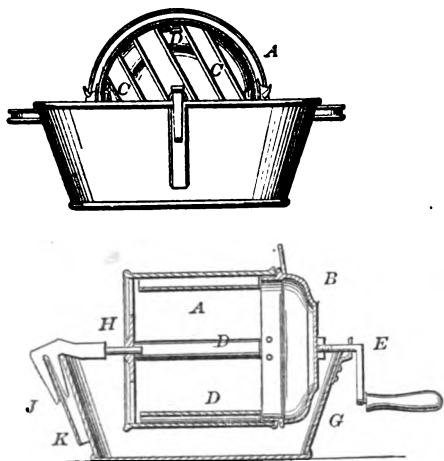
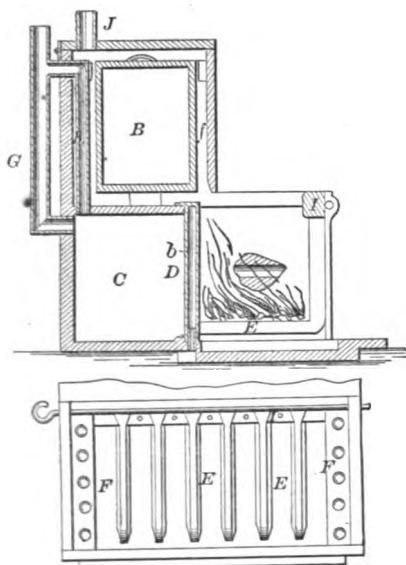
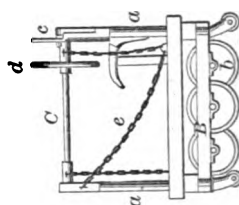
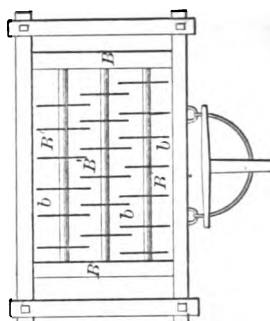
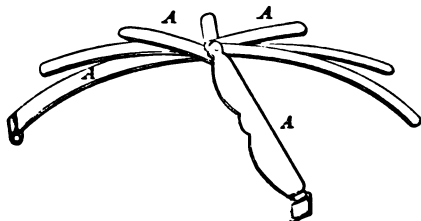
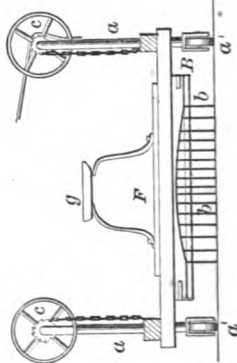
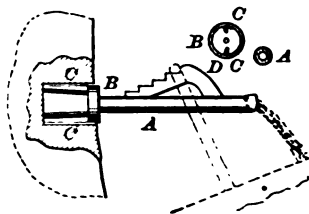


**76396**—J. Burko—*Musical Return Ball.*

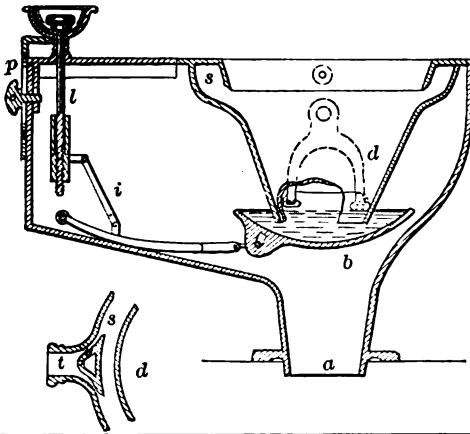


**76394**—W. E. Brock—*Dummy for Displaying Clothing.*

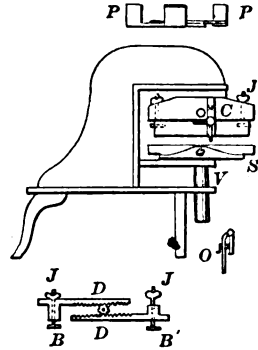


76399—J. M. Chaplin—*Potato Washer and Pan.*76400—Collins & Knox—*Stove.*76401—S. F. Conant—*Hair Crimper.*76404—E. Crane—*For Scarifying the Soil.*76402—W. Conner—*Sap Spile.*

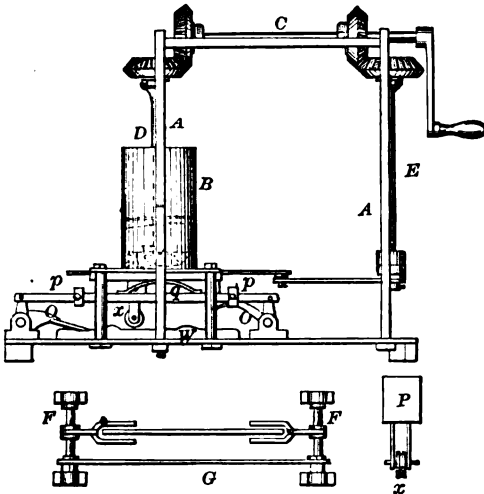
76403—H. H. Craigio—Water Closet.



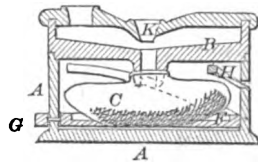
76408—T. A. Curtis—Sole Cutting Machine.



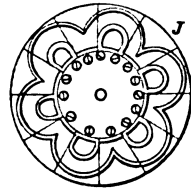
76405—Crighton & Roesler—Brick Machine.



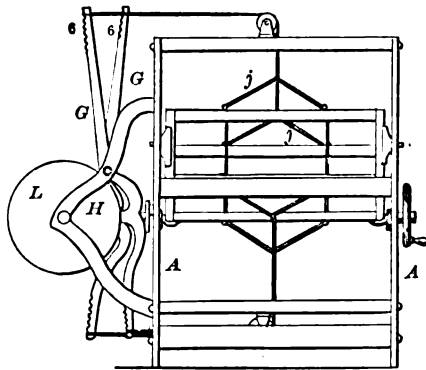
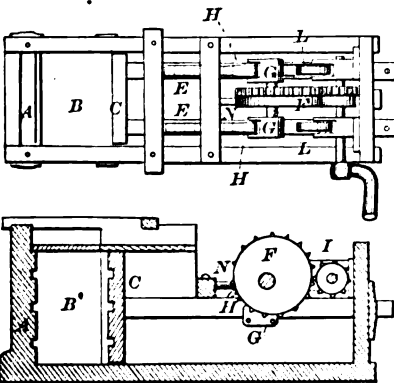
76409—S. Darling—Inkstand.



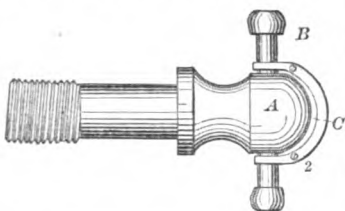
76406—G. Crompton—Harness Mechanism for Looms.



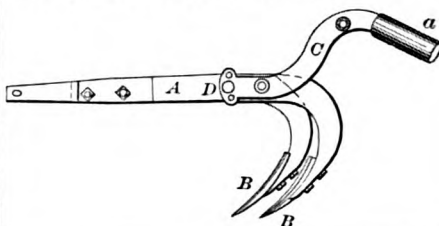
76407—D. Cummings, Jr.—Baling Press.



76410—S. Darling—Vise.



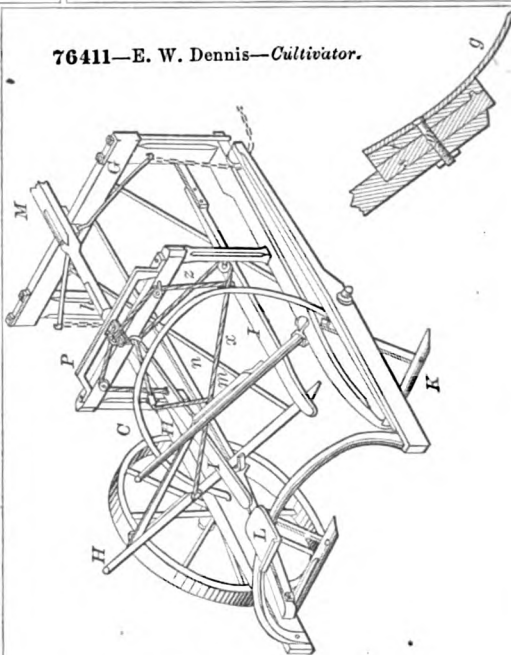
76412—G. W. Deweese—Cultivator.



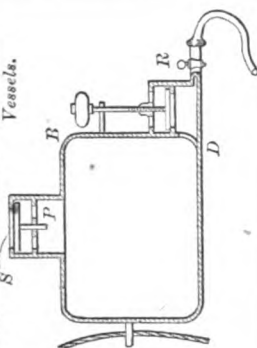
76414—J. S. Dickinson—Comb.



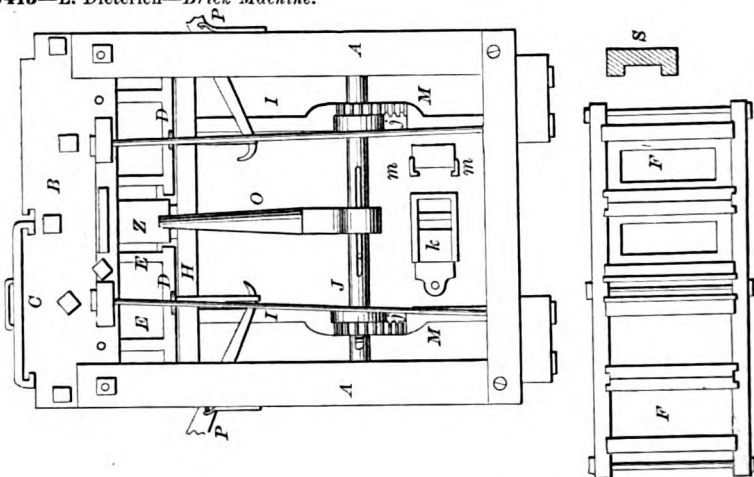
76411—E. W. Dennis—Cultivator.



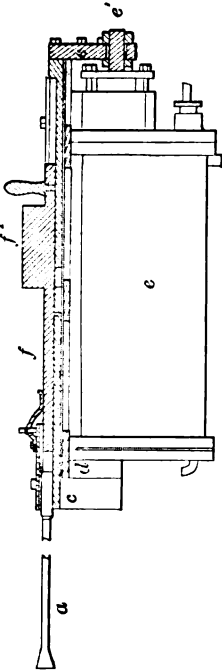
76416—A. Dillon—For Raising Sunken Vessels.



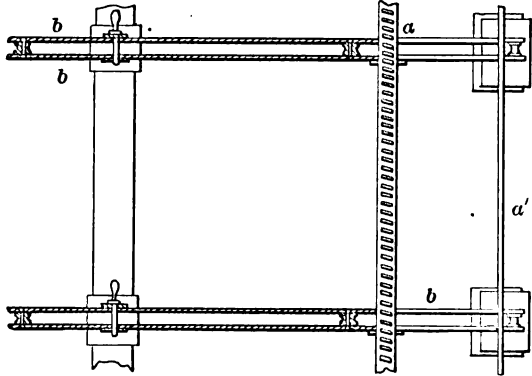
76415—L. Dieterich—Brick Machine.



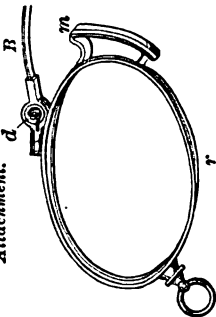
76417—G. E. Donisthorpe—Coal Mining Machine.



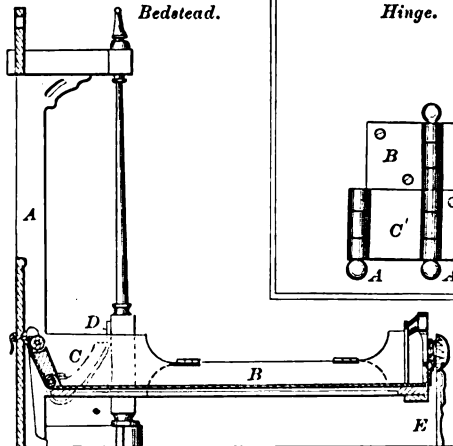
76418—G. E. Donisthorpe—Coal Mining Machine.



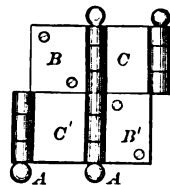
76420—J. Dorn—Eye Glass Attachment.



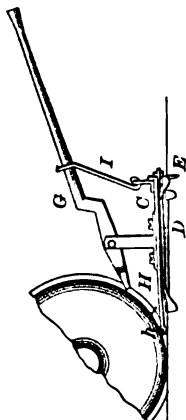
76423—W. H. Dutton—Bedstead.



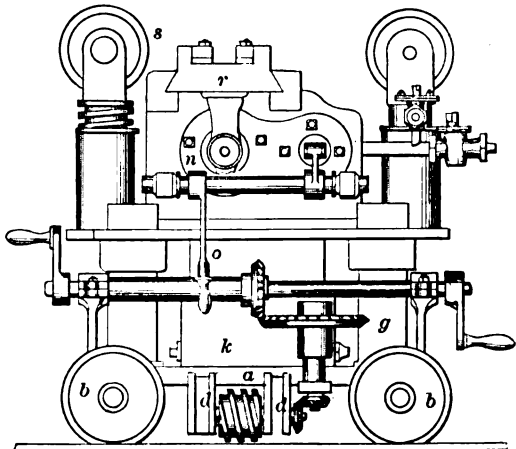
76422—G. Dumbolton—Hinge.



76421—J. Douglass—For Moving Cuts.

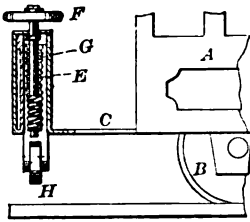


76419—G. E. Donisthorpe—Coal Mining Machine.

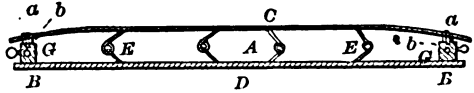




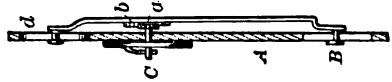
**76424**—D. Edwards—*Car Replacer.*



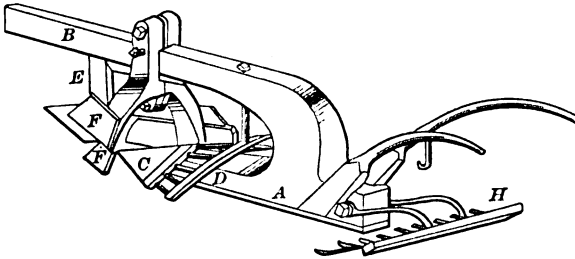
**76425**—English & Fraps—*Spring Bed Bottom.*



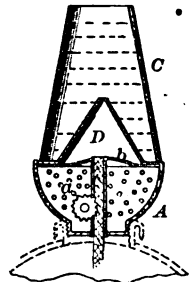
**76429**—M. M. Follett—*For Converting Motion.*



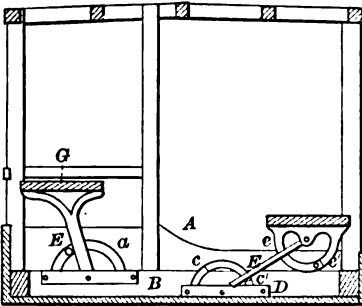
**76427**—L. Finch—*Potato Digger.*



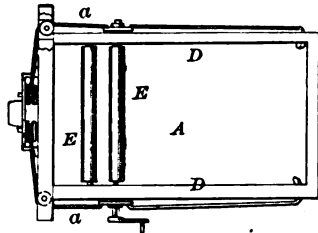
**76426**—L. Erving—*Lamp Burner.*



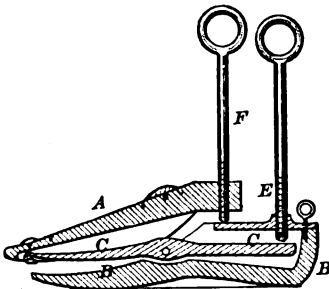
**76428**—J. Fleming—*Carriage Seat.*



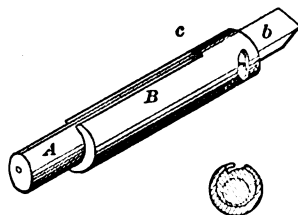
**76430**—M. M. Follett—*Mop Wringer.*



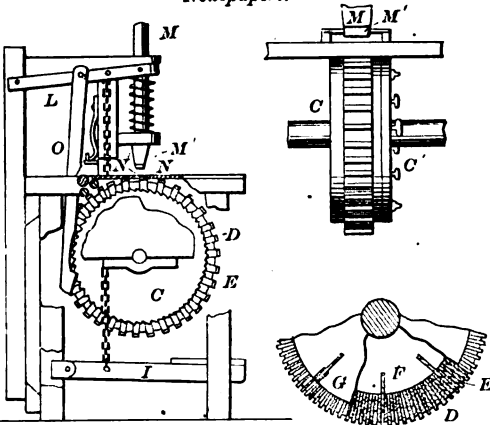
**76431**—W. Frederick—*Boot and Shoe Stretcher.*



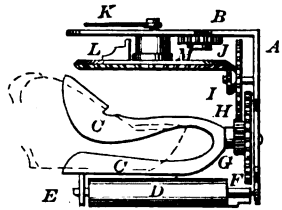
**76432**—C. French—*Bending Mandrel.*



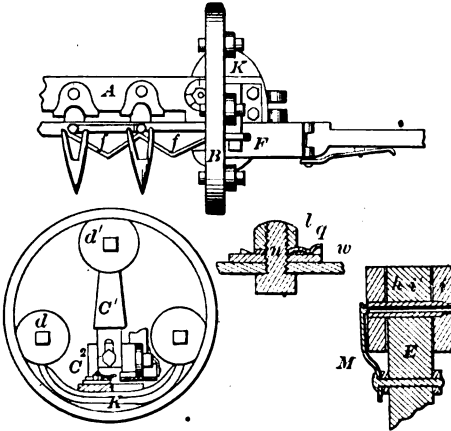
**76433**—J. C. Gaither—*For Printing Addresses on Newspapers.*



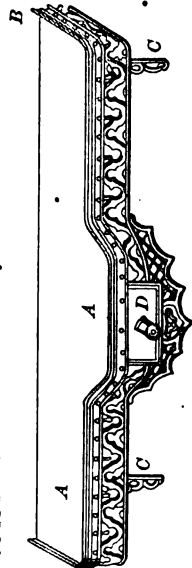
**76435**—H. Gilbert—*Register.*



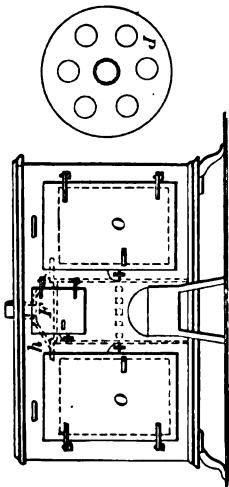
**76436**—A. B. Graham—*Harvester.*



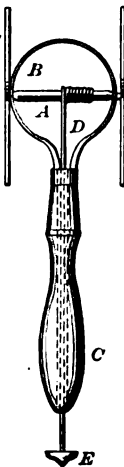
**76434**—L. Gibbs—*Bracket Shelf and Drawer.*



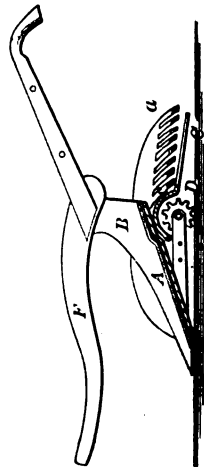
**76437**—W. H. Graham—*Cooking Range.*



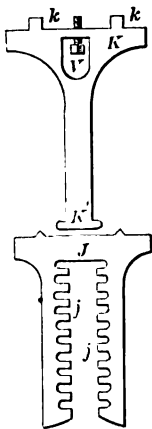
**76439**—Groves & Turner—*Whirling Toy.*



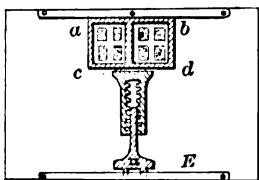
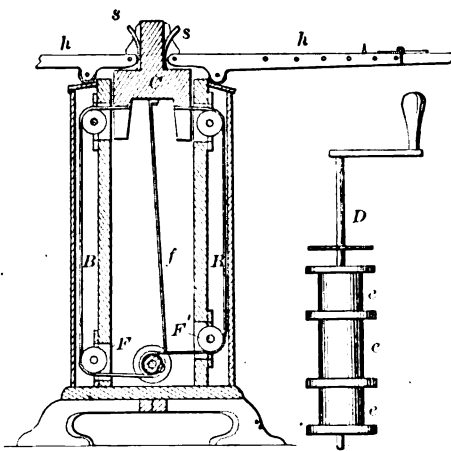
**76438**—A. Graves—*Potato Digger.*



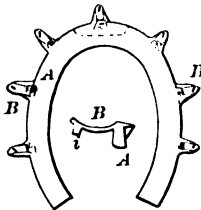
**76440—F. T. M. A. Guyon—**  
*Printers' Furniture.*



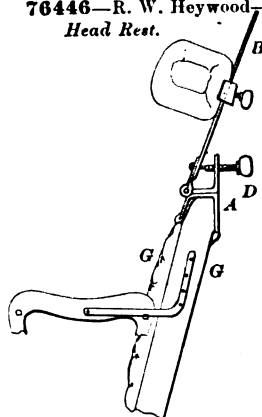
**76441—E. R. Hall—Clothes Dryer.**



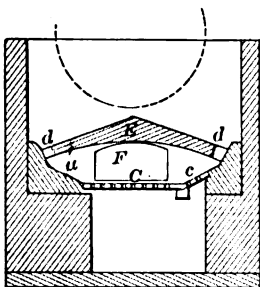
**76449—W. Hinds—**  
*Horse Shoe.*



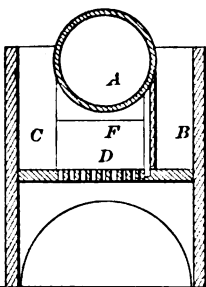
**76446—R. W. Heywood—**  
*Head Rest.*



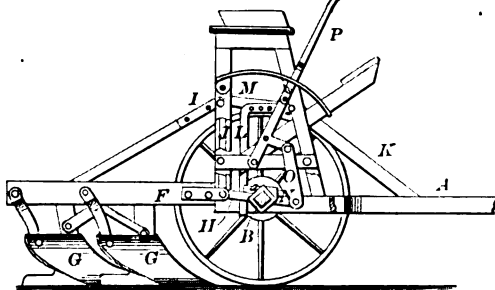
**76444—J. J. Heindl—**  
*Furnace Grate.*



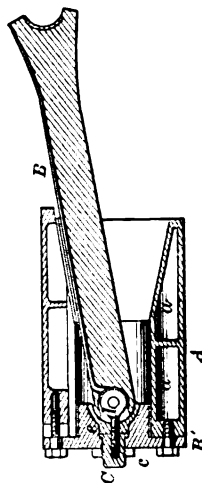
**76442—B. A. Haycock—**  
*Furnace Lining.*



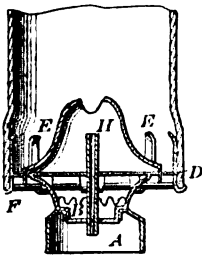
**76447—Higgins & Perry—Gang Plow.**



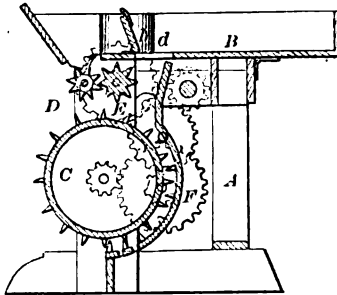
**76440—Hinds & Lodge—Steam Engine Piston.**



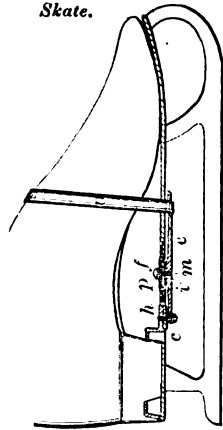
**76450**—Hoadley & Shipman—*Lamp Burner.*



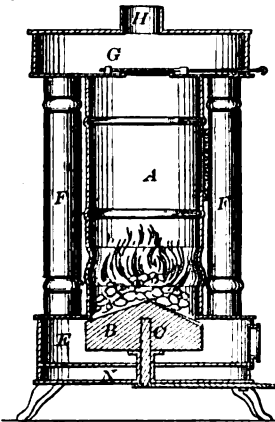
**76451**—E. Hoffstatter—*For Picking Hair.*



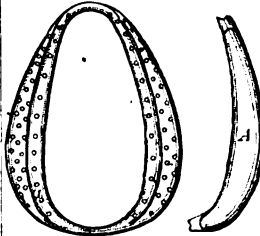
**76453**—J. Holland—*Skate.*



**76455**—E. Hosford—*Stove.*



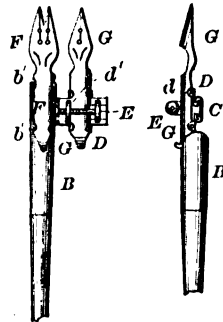
**76456**—I. Houghtling—*Horse Collar.*



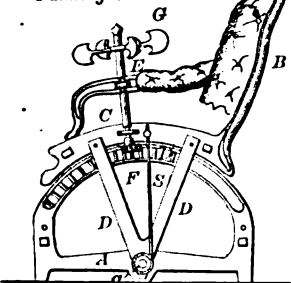
**76458**—O. P. Howe—*Photographic Transfer.*



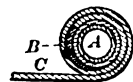
**76454**—J. H. Holland—*Pen.*



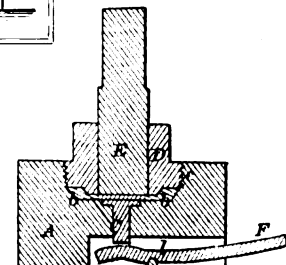
**76452**—Hobbs & Wright—*Fanning Chair.*



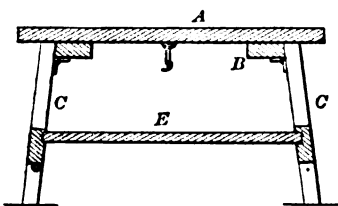
**76457**—T. P. How—*Copying Press.*



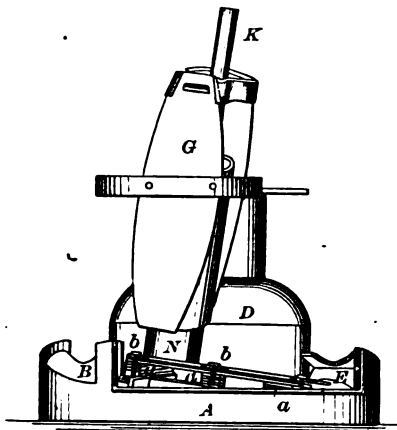
**76460**—T. S. Hudson—*Die for Forming Letters.*



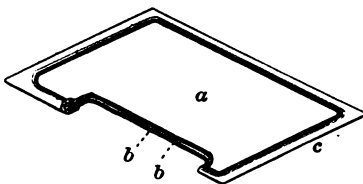
**76459**—L. D. Hubbard—*Bench or Table.*



76461—S. Hughes—Ore Crusher and Grinder.



76462—S. W. Huntington—Lamp Shade.



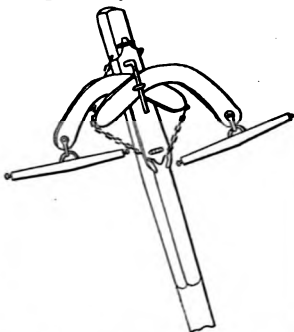
76464—L. H. Johnson—Corn Husker.



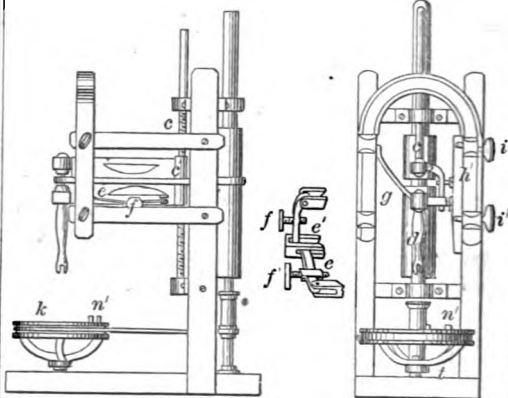
76468—W. J. Ketcham—Necktie Retainer.



76466—R. F. Judson—Draft Equalizer for Doubletrees.



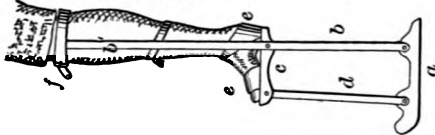
76467—J. T. Kendall—For Boring Wagon Hubs.



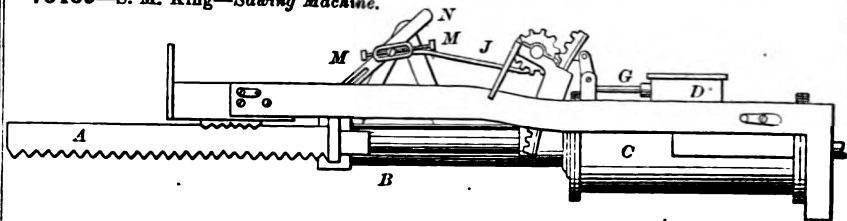
76470—C. M. Kinsel—Bracelet.



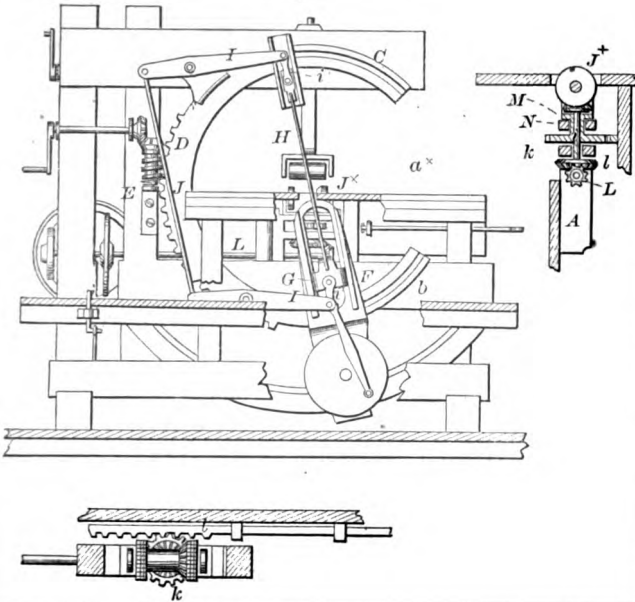
76465—W. Jordan—Stilt Skate.



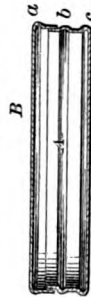
76469—S. M. King—Sawing Machine.



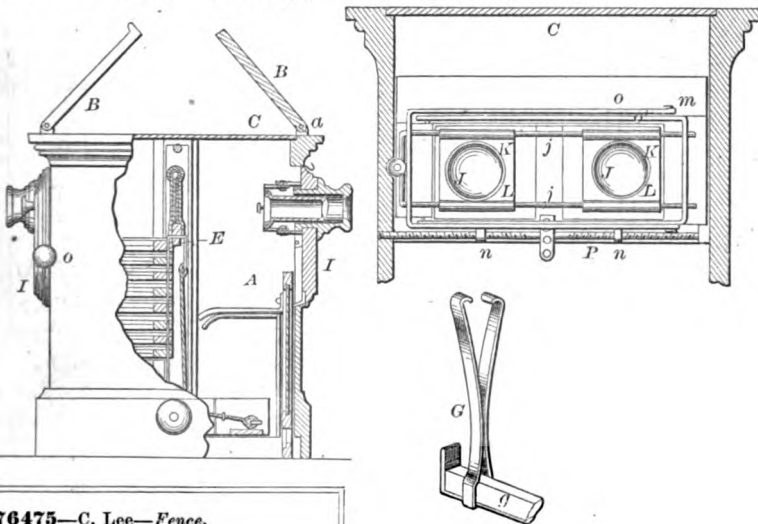
**76471**—J. L. Knowlton—*Saw Mill.*



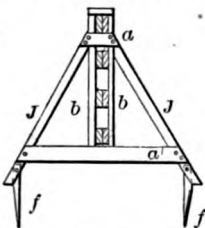
**76474**—J. D. Lane—*Manufacture of Tin Boxes.*



**76472**—W. M. Kohl—*Stereoscope.*

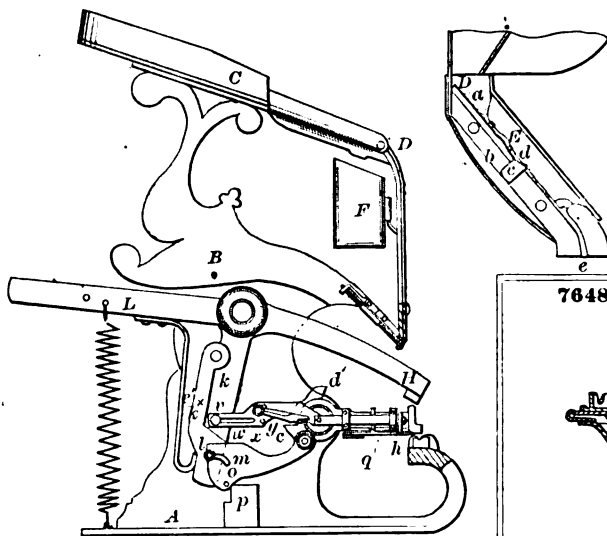
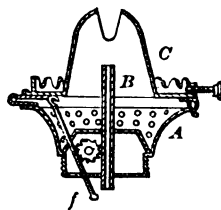
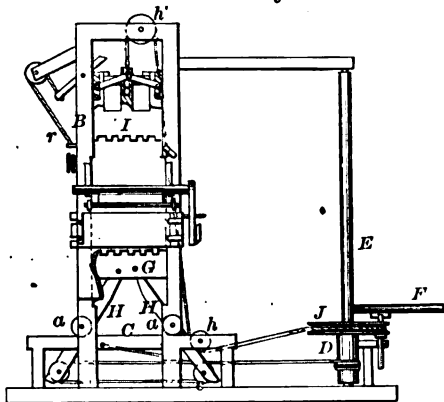
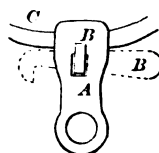
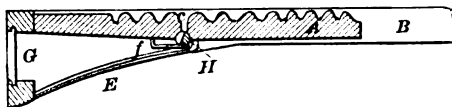
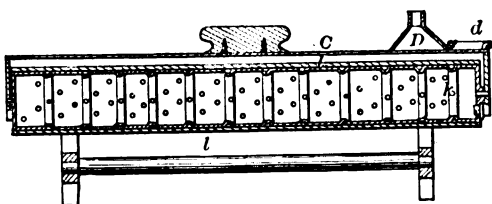
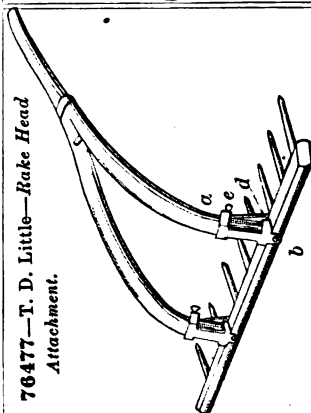
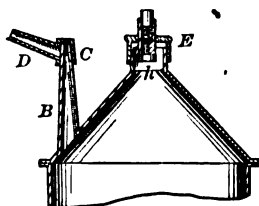


**76475**—C. Lee—*Fence.*



**76476**—I. Lindsley—*Hair Cloth.*

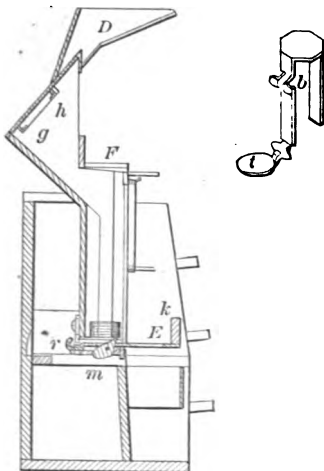
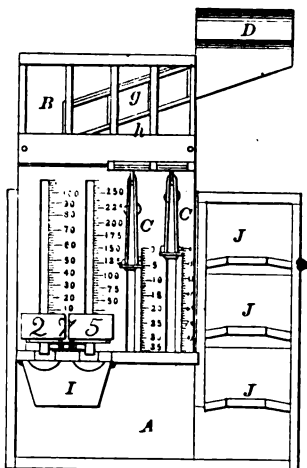


**76474**—A. Komp—*For Attaching Spangles to Hoop Skirts.***76482**—J. J. Marcy—*Lamp.***76478**—G. W. Lockhart—*Hay Press.***76480**—M. Alden—*Horse Rake.***76481**—F. E. Maberry—*Wash Board.***76479**—J. A. Lynch—*Paper Dampener.***76477**—T. D. Little—*Rake Head Attachment.***76483**—J. J. Marcy—*Oil Can.*

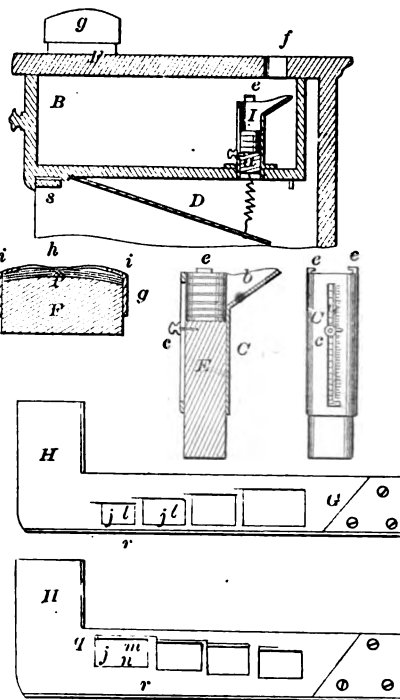




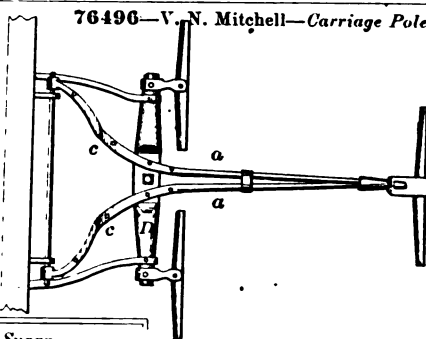
**76492—J. W. Meaker—For Assorting Coin.**



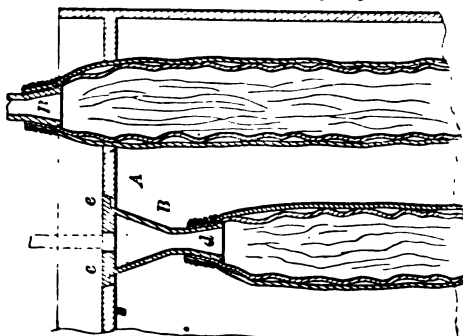
**76493—J. W. Meaker—For Assorting Coin.**



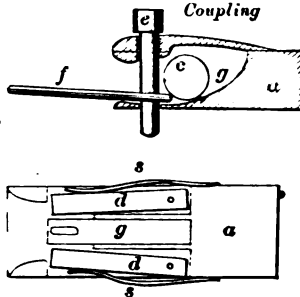
**76496—V. N. Mitchell—Carriage Pole.**



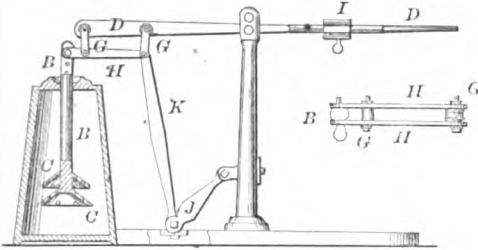
**76495—W. H. Merriok—For Filtering Sugar.**



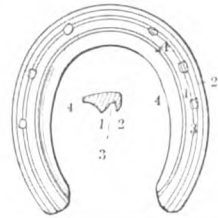
**76494—J. W. Melcher—Car Coupling.**



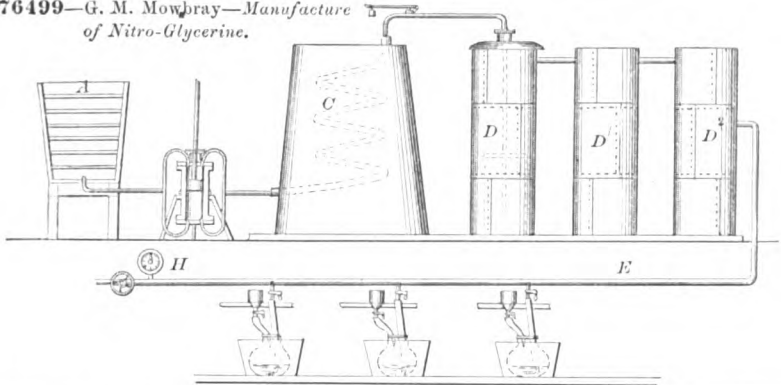
76497—E. J. Moore—*Churning Apparatus.*



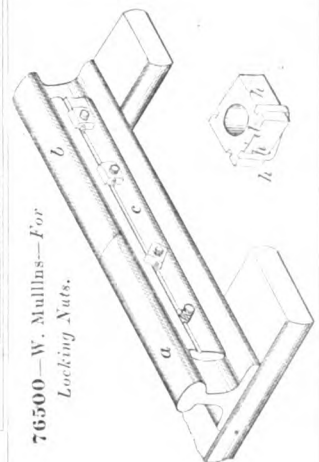
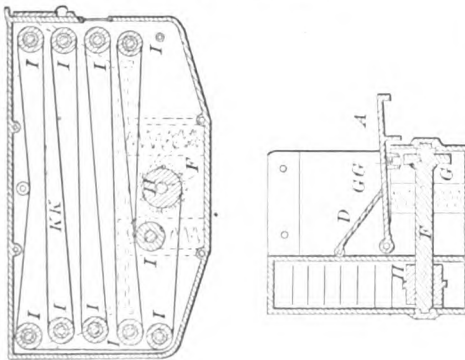
76501—P. Murray—*Horse Shoe.*



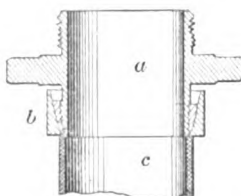
76499—G. M. Mowbray—*Manufacture of Nitro-Glycerine.*



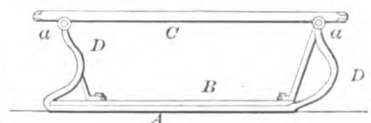
76502—A. F. Nagle—*Passenger Register.*



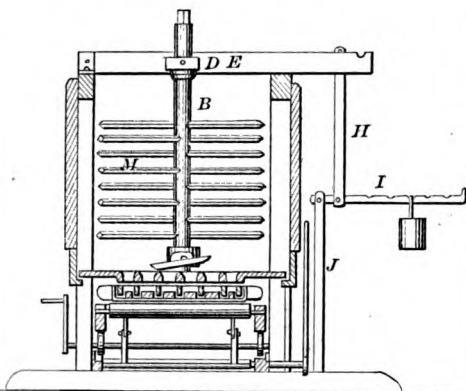
76503—P. H. Niles—*Hose Coupling.*



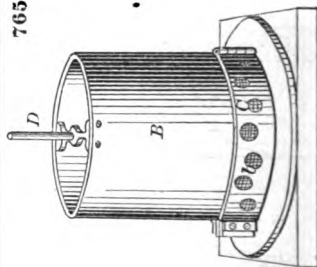
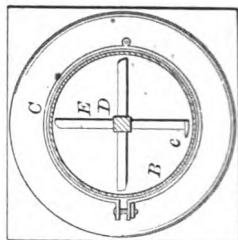
76498—J. C. Moore—*Steigh Runner and Attaching it to Axles.*



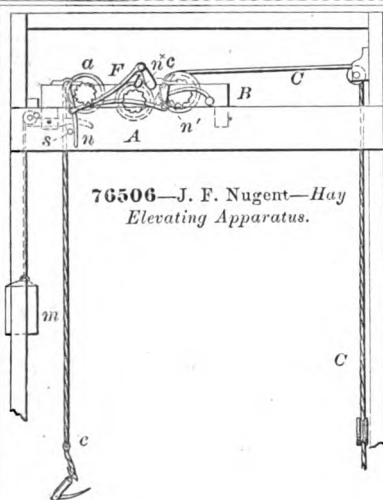
76504—C. Nolan—Brick Machine.



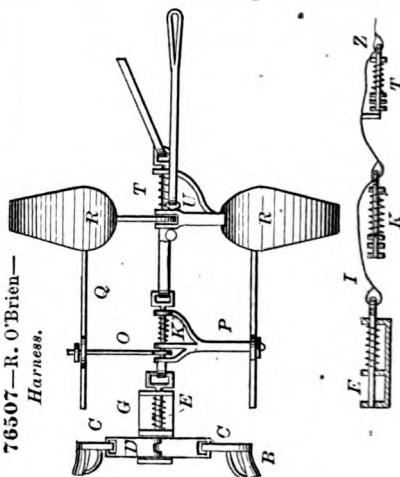
76505—Norton &amp; Hancock—Clay Grinding Mill.



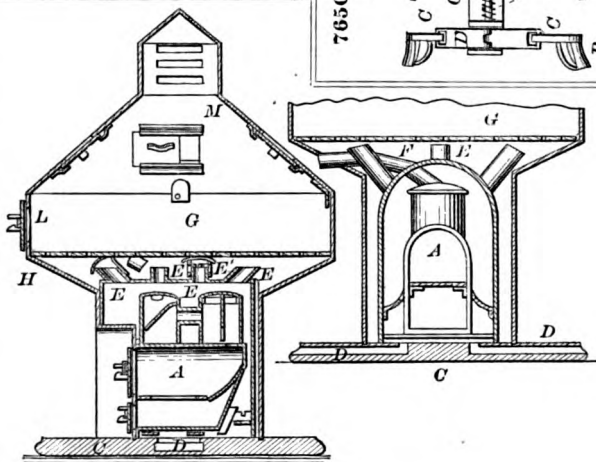
76506—J. F. Nugent—Hay Elevating Apparatus.

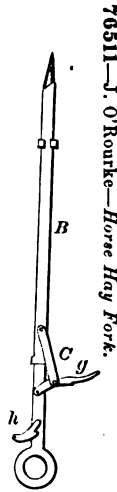
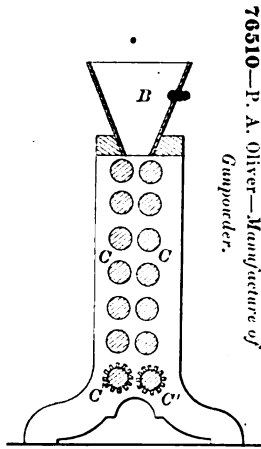


76507—R. O'Brien—Harness.

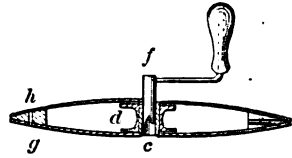


76508—Oefinger &amp; Grupp—Malt Drying Kiln.

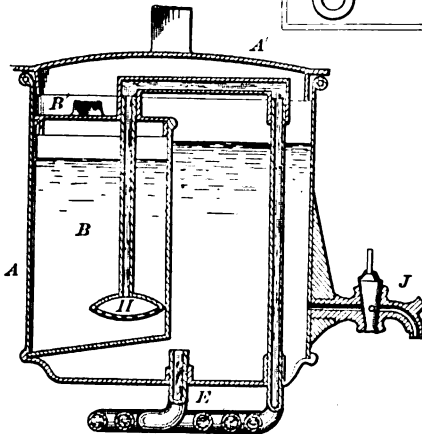
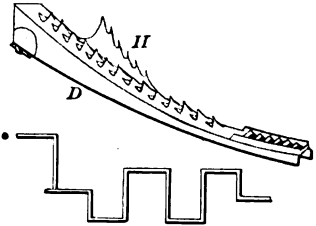




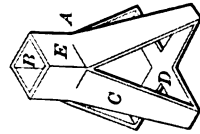
76512—E. N. Parker—Tatting Shuttle.



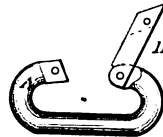
76513—W. Parker—Straw Carrier.



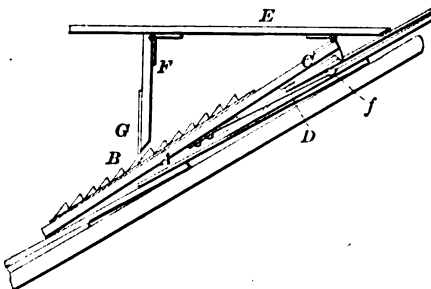
76515—G. R. Patton—Fence Post.



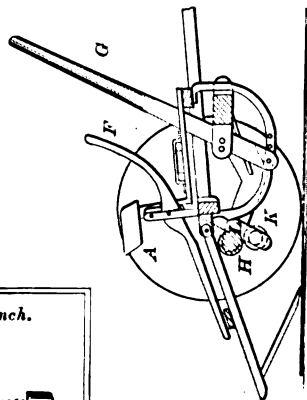
76517—W. N. Pelton—Connecting Link.



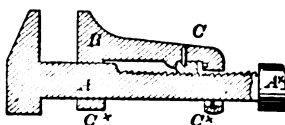
76516—C. M. Pease—Roof Staging.

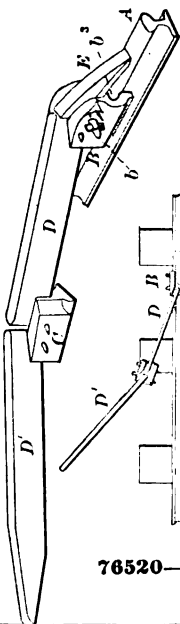
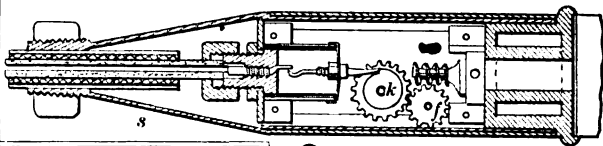
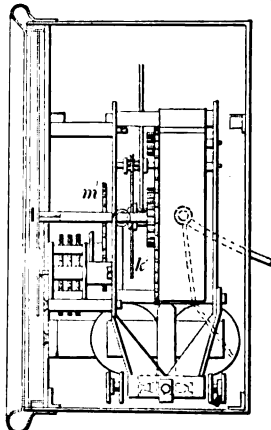
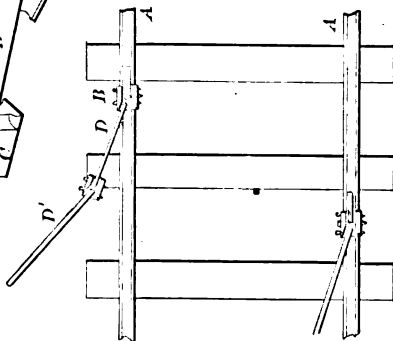
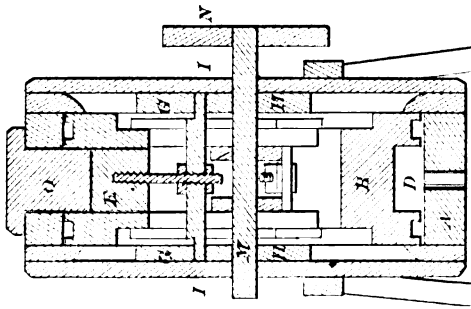
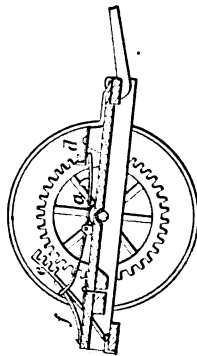
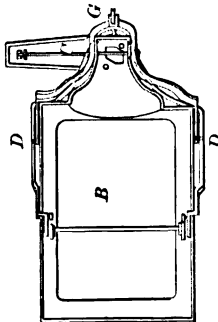
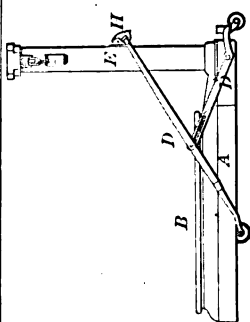
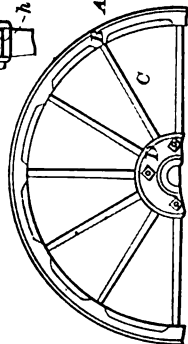
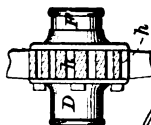


76518—C. B. Perkins—Horse Rake.

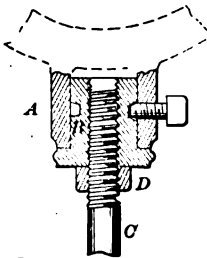


76519—A. S. Potrie—Wrench.

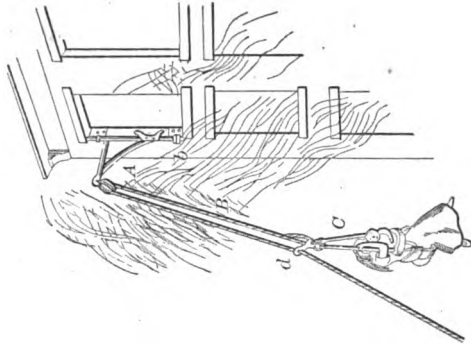


76521—W. I. Reid—*Electro-Magnetic Log.*76520—N. Pullman—*Car Replacer.*76525—M. Rikert—*Rotary Steam Engine.*76522—S. Rex—*Harvester.*76523—W. W. Reynolds—*Platform Scale.*76524—P. Richardson, Jr.—*Wagon Wheel.*

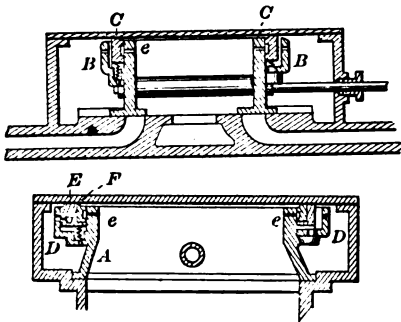
**76526—J. Robertson—Valve Rod Connection.**



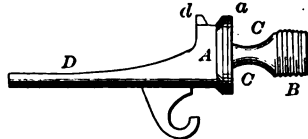
**76527—A. Robinson—Fire Escape.**



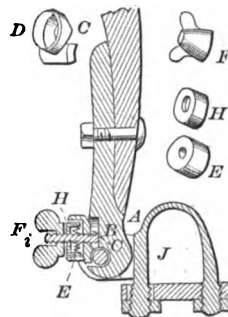
**76528—W. B. Robinson—Balanced Slide Valve.**



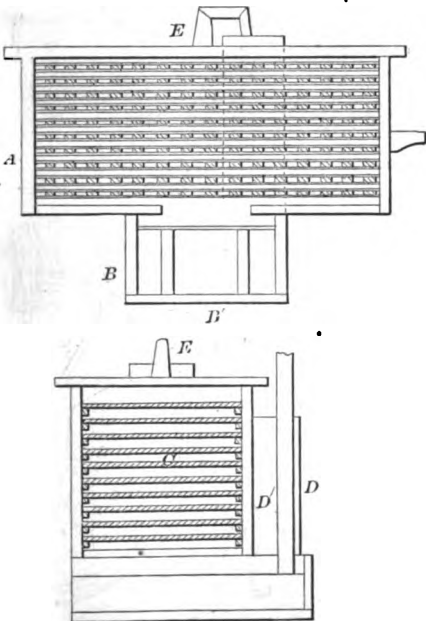
**76530—E. B. Sargent—Sap Spout.**



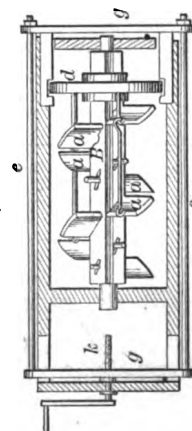
**76531—A. Searls—Shaft Coupling.**



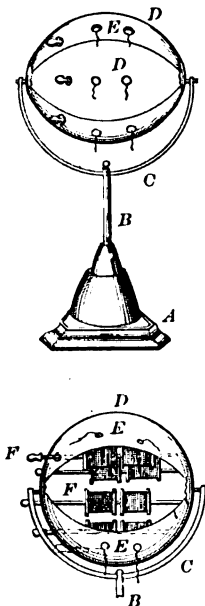
**76532—M. A. Shepard—Fruit Dryer.**



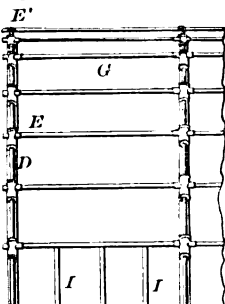
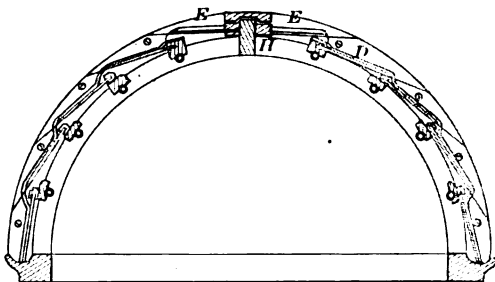
**76529—J. M. Rush—Grain Conveyor.**



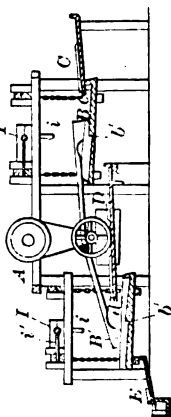
**70533**—J. H. Simmons—  
*Spool Stand.*



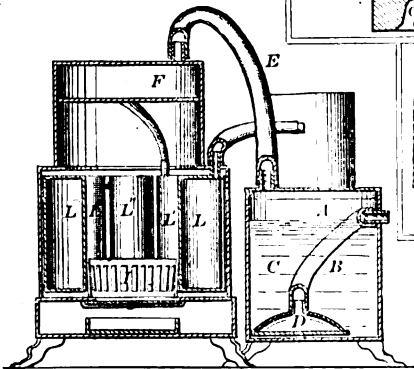
**70534**—Simpson & Howitt—*Steam Heater.*



**70538**—R. & W. T. Smith—*Amalgamator.*



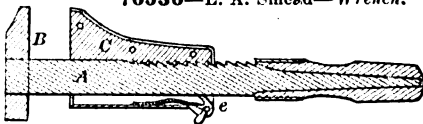
**70535**—W. M. Sloan—  
*For Generating Gas.*



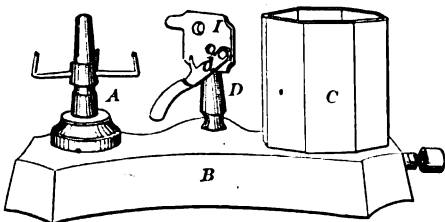
**70540**—W. Smith—*Brick  
for Building.*



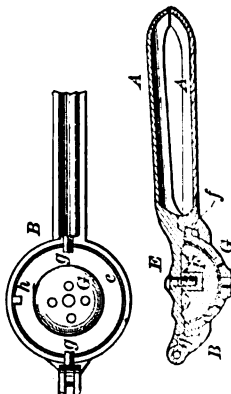
**70536**—E. A. Smead—*Wrench.*



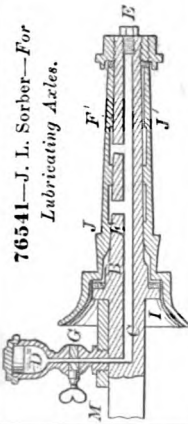
**70537**—C. F. Smith—*For Cutting Cigars &c.*



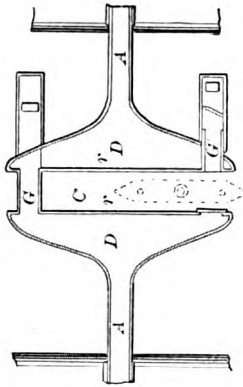
**70539**—T. C. Smith—*Lemon Squeezer.*



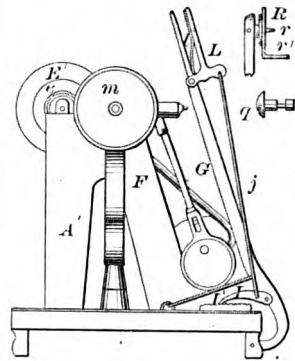
**76541**—J. L. Sorber—For  
Lubricating Axles.



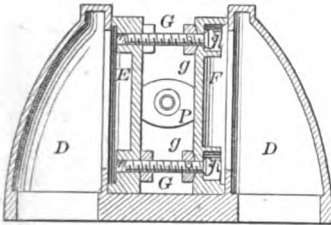
**76542**—T. S. Speakman—Draw Bridge.



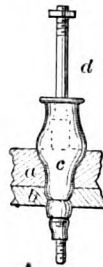
**76543**—V. K. Spear—For  
Polishing Boot and Shoe Heels.



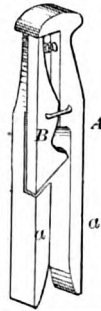
**76545**—Stocking & Shaffer—Steam  
Engine Slide Valve.



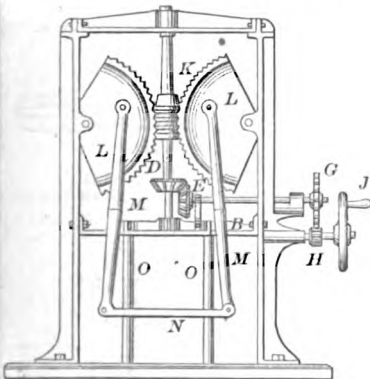
**76546**—J. Strawn—  
Carriage Bolt.



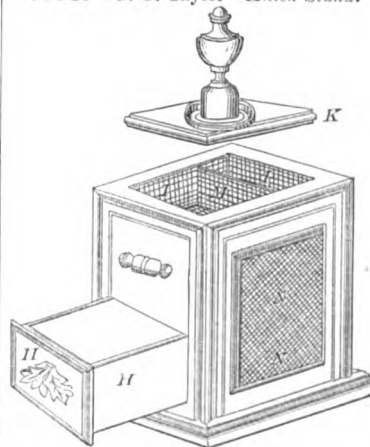
**76547**—A. L. Taylor—Clothes Pin.



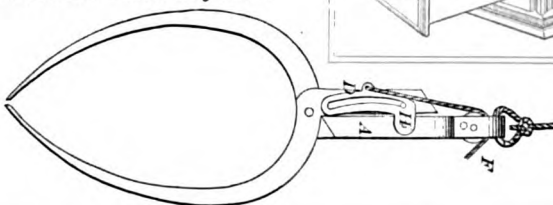
**76548**—E. Taylor—Baling Press.



**76549**—G. G. Taylor—Match Stand.

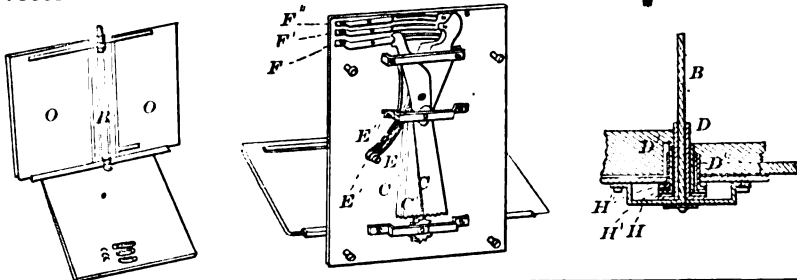


**76550**—T. H. Tears—Horse Hay Fork.

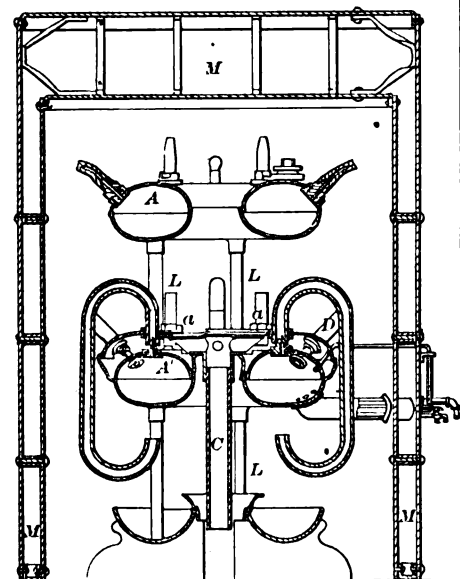




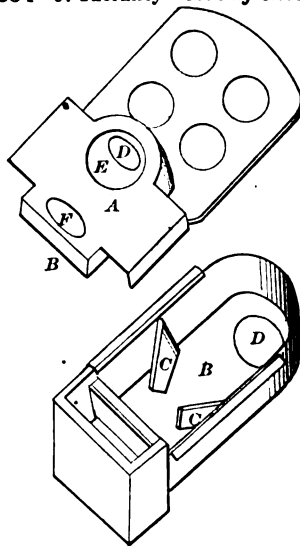
76551—G. Tefft—Music Rack.



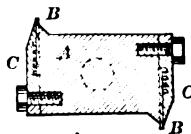
76552—F. W. Thayer—Hydro-Carbon Burner.



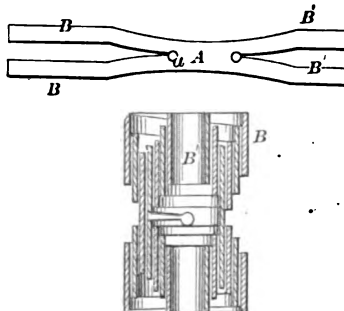
76554—J. Thorniley—Cooking Stove.



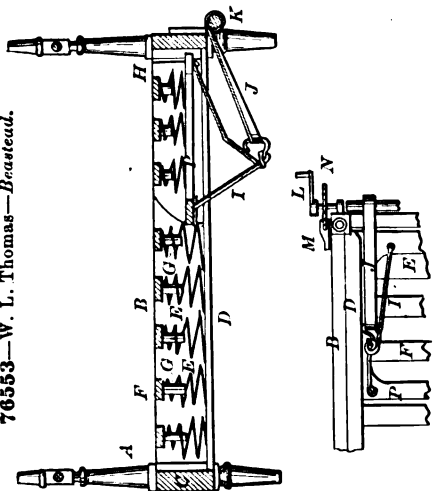
76556—T. Tostevin—Cutter Head for Planing Machines.



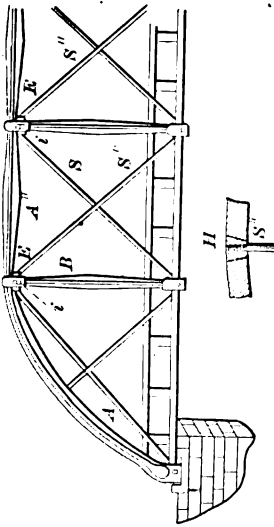
76557—J. Trent—Volute Spring.



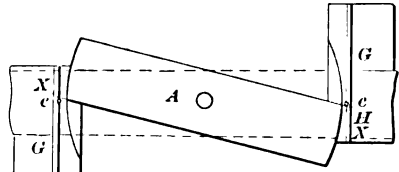
76553—W. L. Thomas—Beastead.



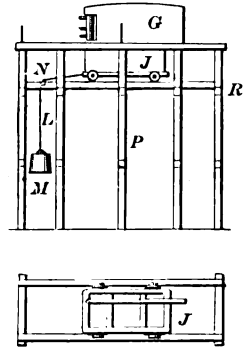
76558—L. E. Truesdell—Bridge.



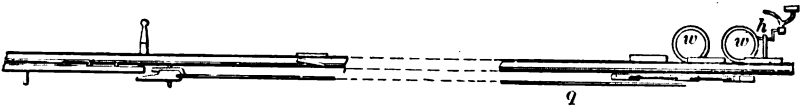
76560—J. B. Valliquette—Bridge.



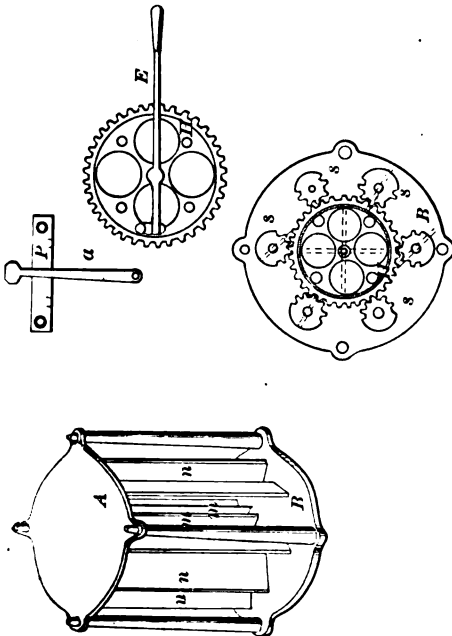
76562—S. Vanstone—Chain Link.



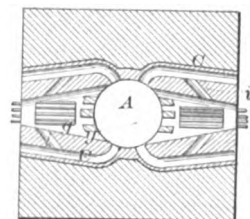
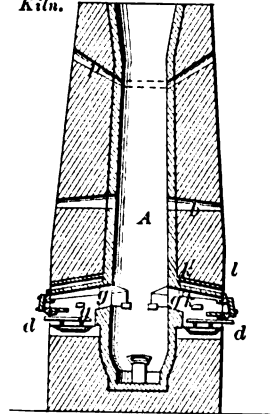
76559—A. C. Twining—Railway Signal and Alarm.

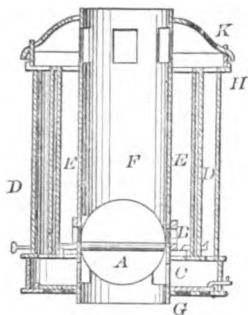
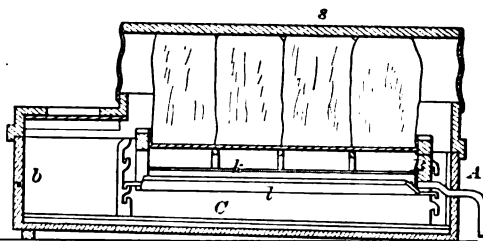
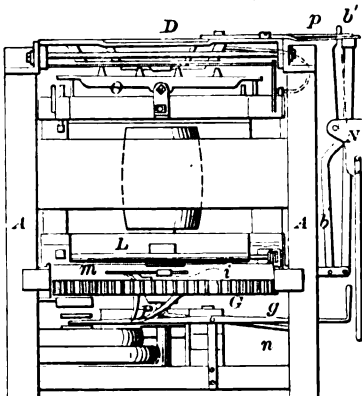
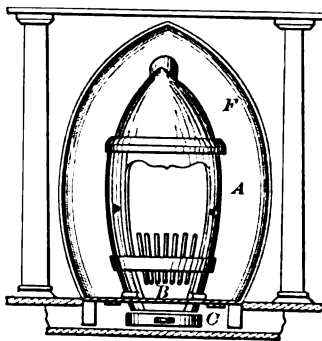
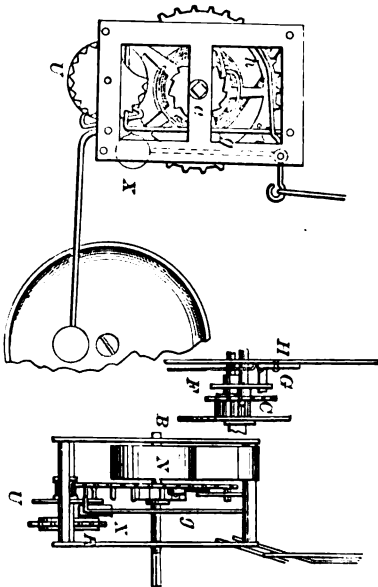


76561—J. H. Van Nortwick—Wind Mill.

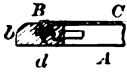


76563—M. Verhoeven—Lime Kiln.

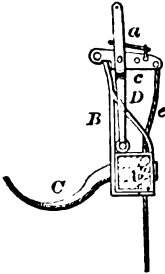


**76564**—J. Voegtle—*Stove Drum.***76568**—J. S. Waterman—*Corpse Preserving Case.***76566**—W. H. Walker—*Shingle Machine.***76565**—F. Walker—*Coal Store.***76567**—C. H. Warner—*Clock Alarm.*

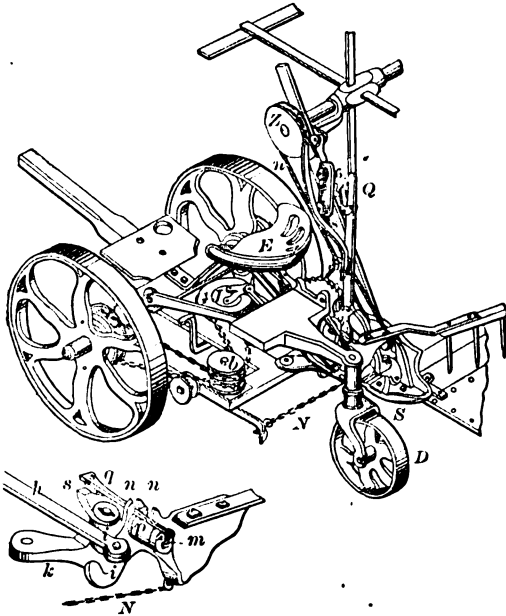
**76569**—G. A. Watkins—  
*Chair Seat.*



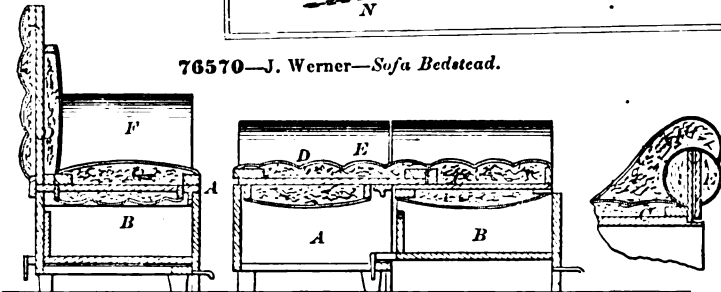
**76573**—J. H. Wilder—  
*Horse Hay Fork.*



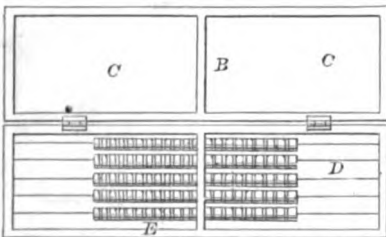
**76571**—C. Wheeler Jr.—*Harvester.*



**76570**—J. Werner—*Sofa Bedstead.*

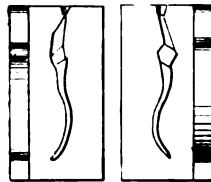


**76572**—D. Wight—*Top Game Board.*

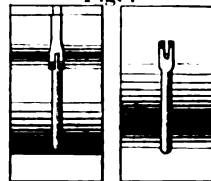


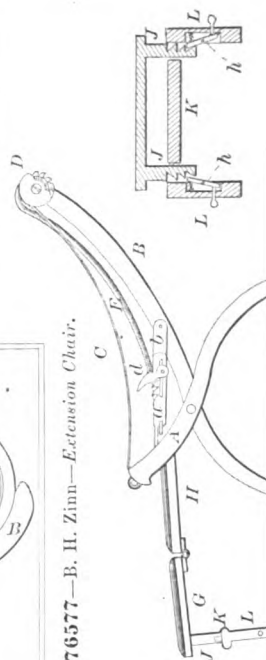
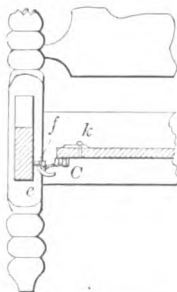
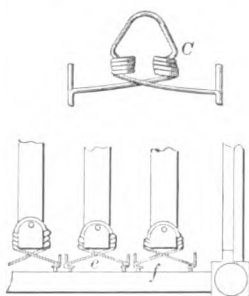
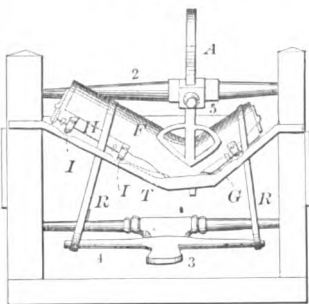
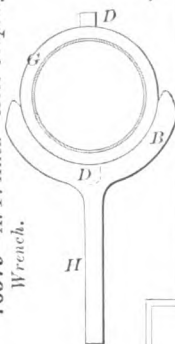
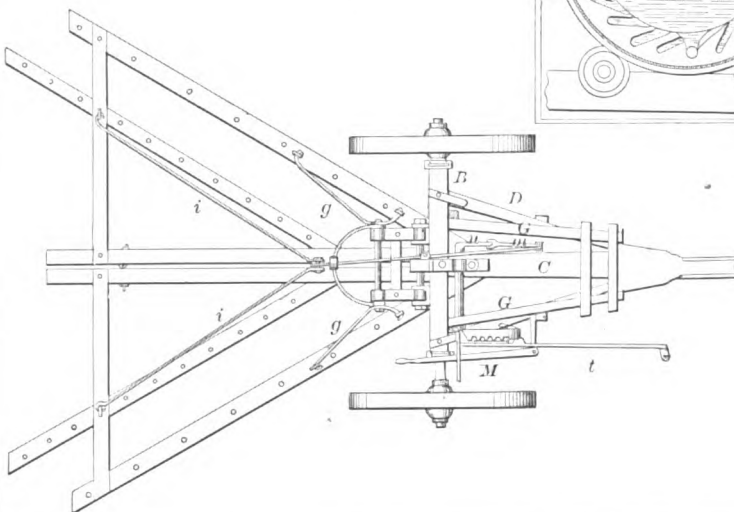
**76574**—S. H. Wood—*Die for Pliers.*

**Fig. 5**

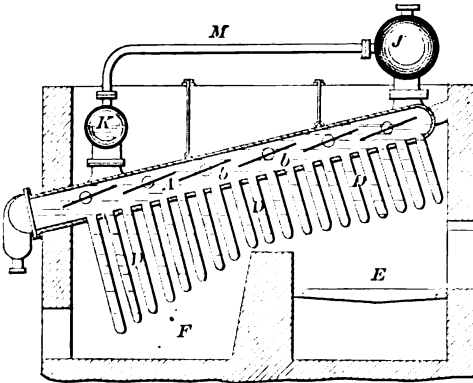


**Fig. 7**

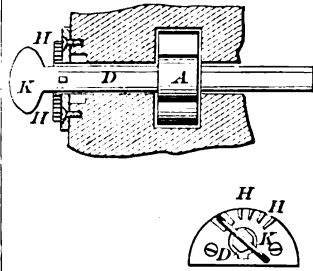


76575—A. W. Wright—*Spring Bed Bottom.*76576—R. A. York—*Crimping Machine.*76579—A. F. Allen—*Hose Coupling Wrench.*76581—J. F. Allen—*Decarbonizing Iron.*76578—S. Conrad—*Cultivator and Harrow.*

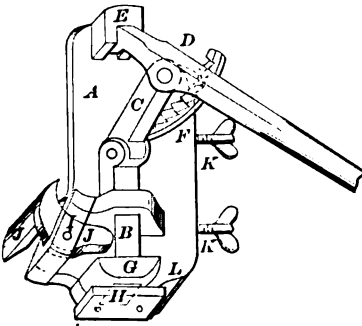
76580—J. F. Allen—Steam Generator.



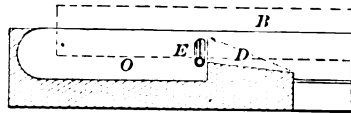
76582—F. Ball—Window Sash Sash Stop.



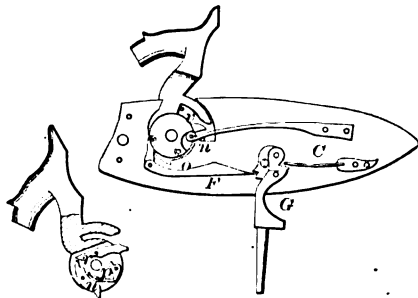
76583—G. E. Banner—Floor Clamp.



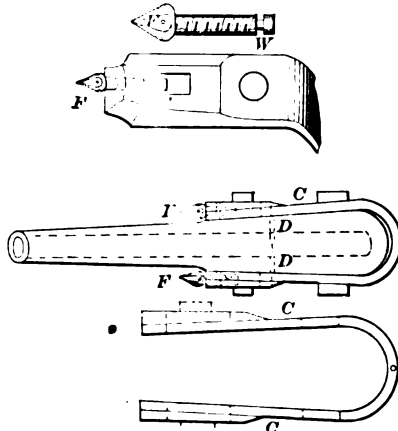
76585—S. P. Bartley—Steam Boiler Furnace.



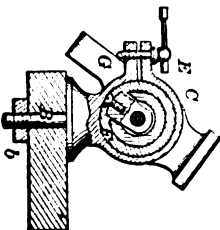
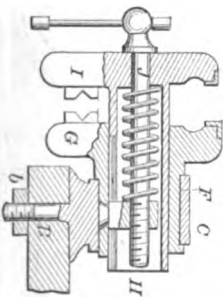
76587—Belden & Crabtree—Gun Lock.



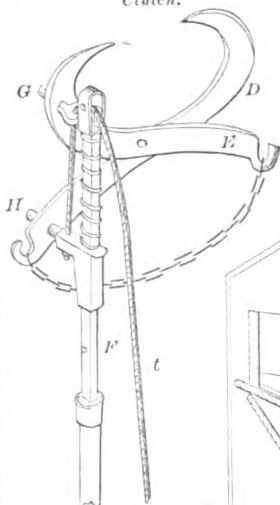
76586—P. R. Beaupre—Ordnance.



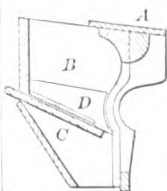
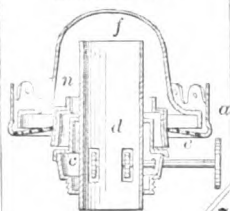
76584—C. Barnes—Vice.



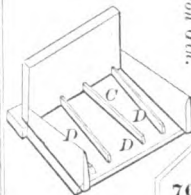
76588—C. C. Blodgett—*Elevating Clutch.*



76592—J. W. Brimblecorn—*Lamp Burner.*



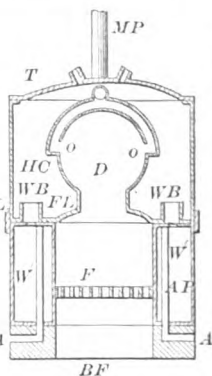
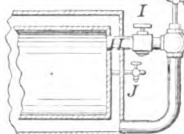
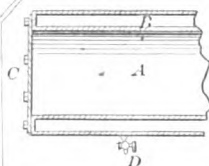
76594—R. M. Brooks—*Cotton Gin.*



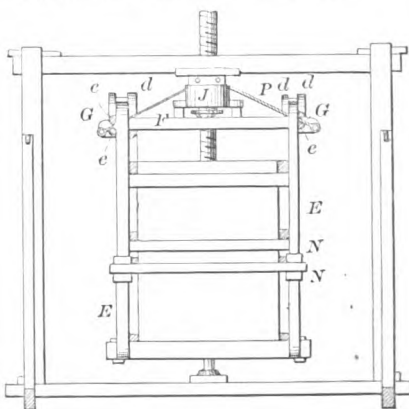
76599—H. L. Butts—*File.*



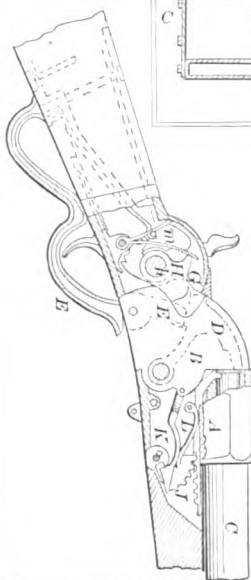
76591—J. Brakeley—*Lumber Dryer.*



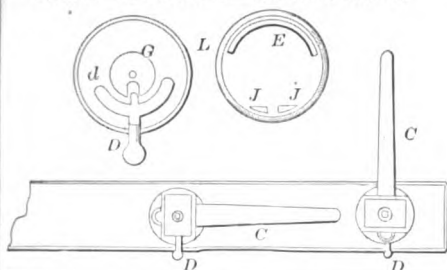
76593—R. M. Brooks—*Cotton Press.*



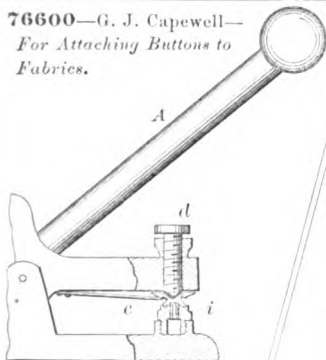
76595—J. Broughton—*Fire Arm.*



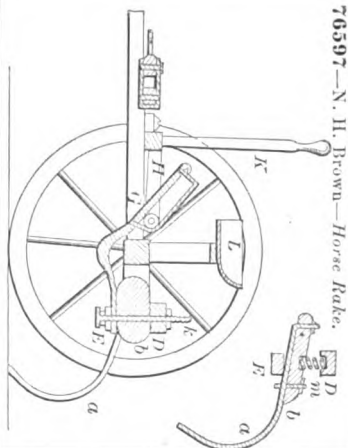
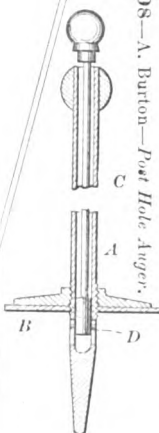
76596—G. A. Brown—Car Stake Holder.



76600—G. J. Capewell—  
For Attaching Buttons to  
Fabrics.

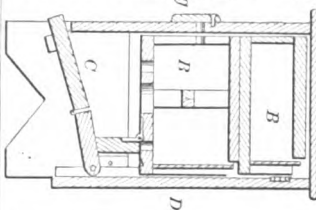


76598—A. Burton—Post Hole Auger.

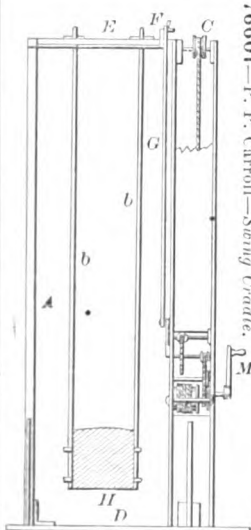


76597—N. H. Brown—Horse Reke.

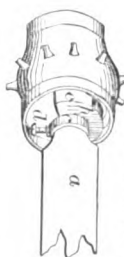
76602—Cassel & Quin—Beehive



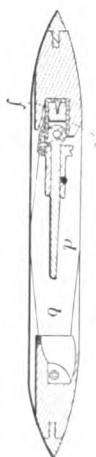
76601—P. P. Carroll—Sewing Cradle.



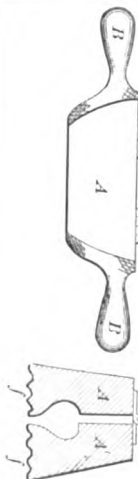
76603—Coleburn & Stanara—  
Sand Trap for Carriages.



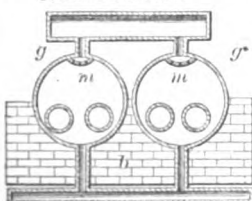
76604—S. E. Chase—Loom Shuttle.



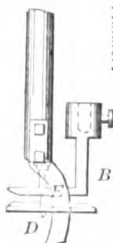
76603—J. Charlton—Rubber for Washing Clothes.



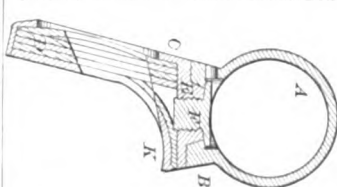
76607—B. Crawford—  
Steam Generator.



76608 L. P. Curtis—Leather  
Trimmer.

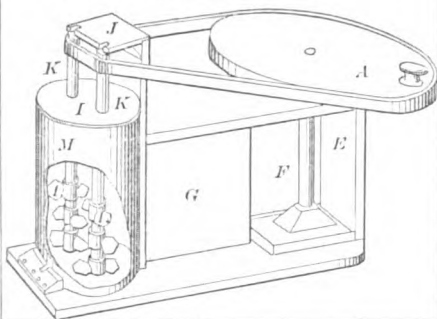


76609—Dow & Wilcox—Neck Yoke.

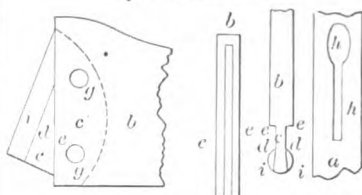




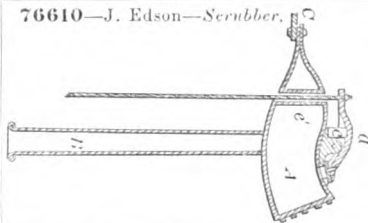
76606—A. J. Conner—Churn.



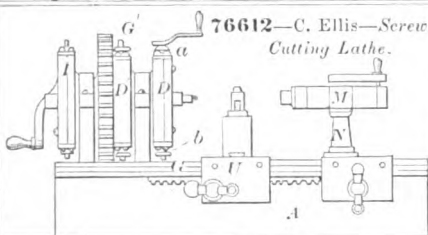
76611—W. H. Elliot—Mortise and Tenon for Bedsteads



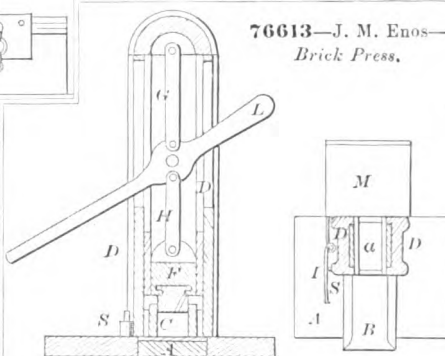
76610—J. Edson—Scrubber.



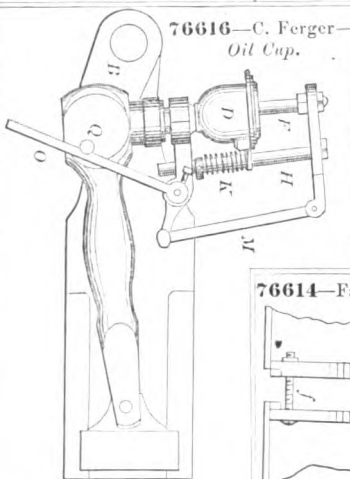
76612—C. Ellis—Screw Cutting Lathe.



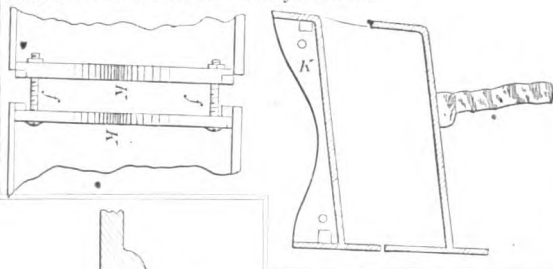
76613—J. M. Enos—Brick Press.



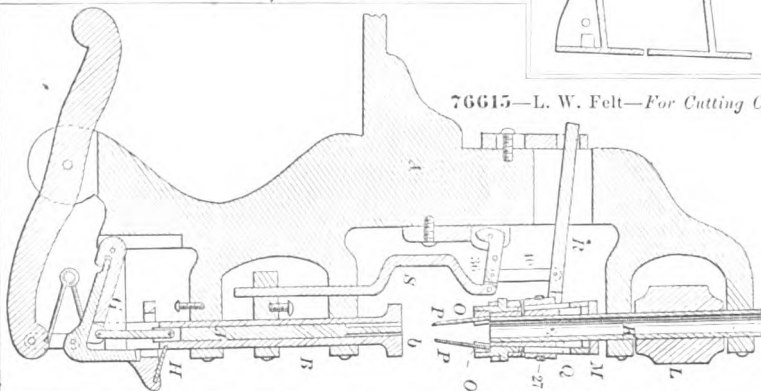
76616—C. Ferger—Oil Cup.



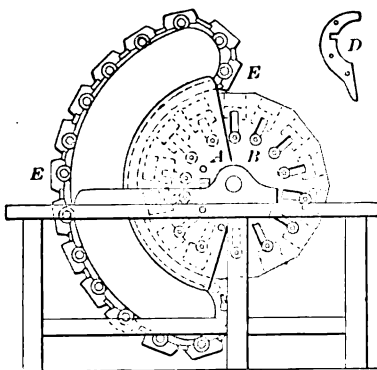
76614—Faurot &amp; Harris—Curb for Street.



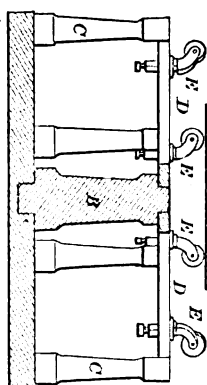
76615—L. W. Felt—For Cutting Corks.



76617—G. B. Fisher—Brick Machine.



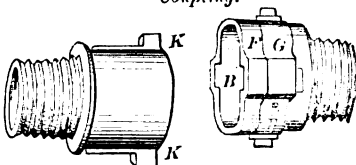
76619—E. Fitzhenry—For Dressing and Scouring Leather.



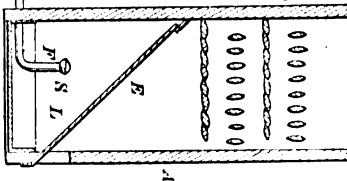
76618—L. Fisher—Rasp.



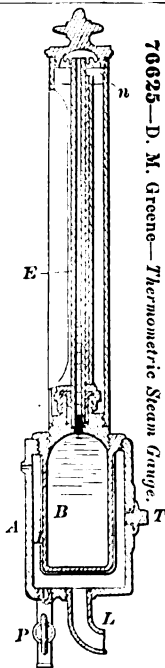
76622—R. J. Gaines—Hose Coupling.



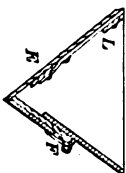
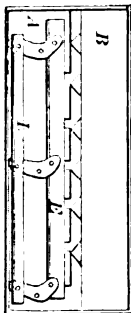
76624—J. Geemen—For Sprouting Malt



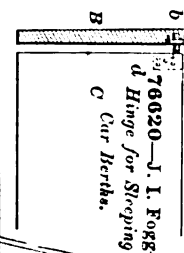
76625—D. M. Greene—Thermometric Steam Gauge.



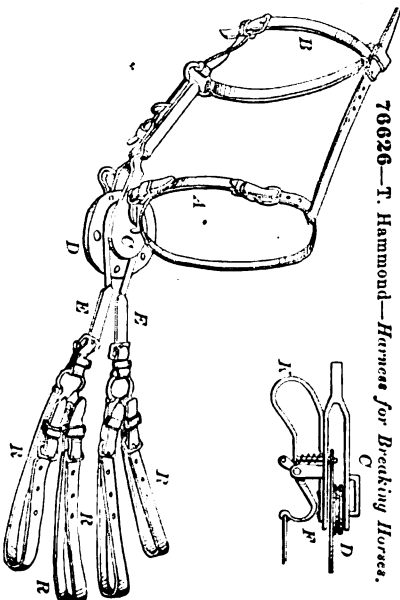
76621—N. Foster—Guano Distributor.



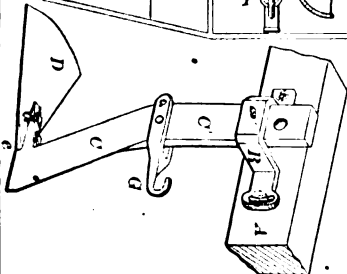
76620—J. L. Fogg—Hinge for Sleeping Cur Berth.

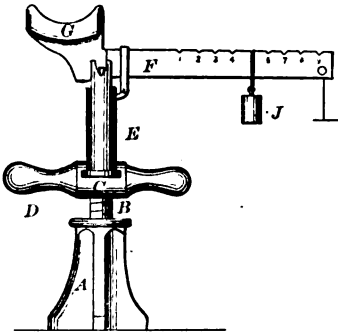
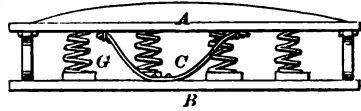
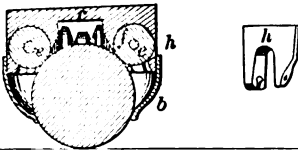
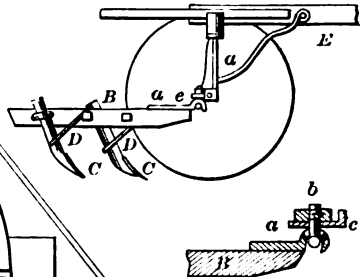
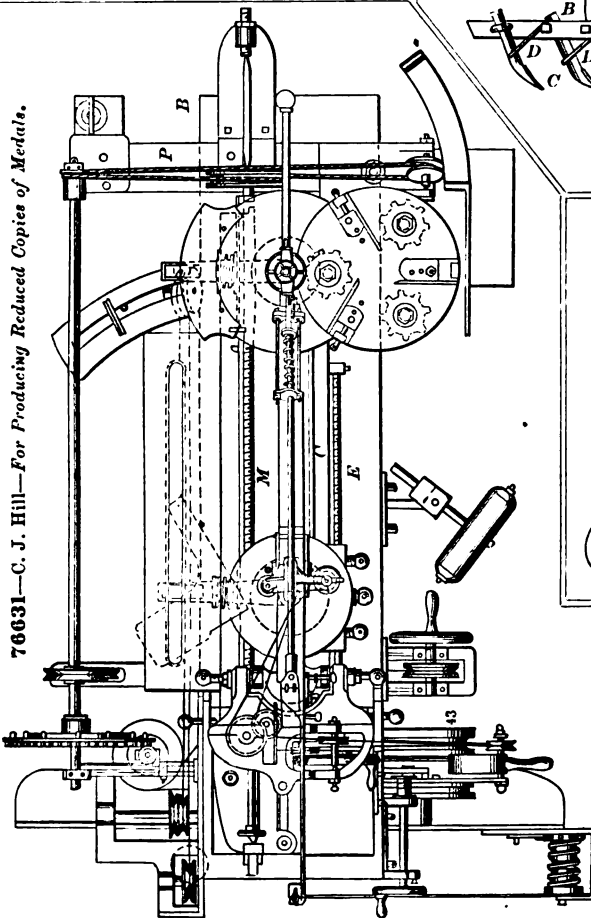
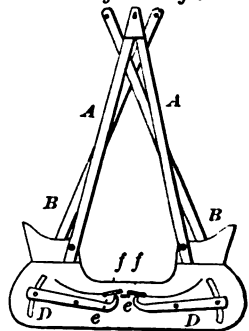
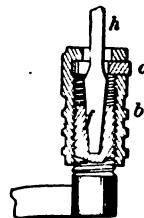


76626—T. Hammond—Harness for Breaking Horses.

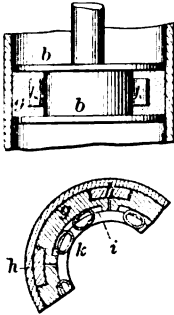


76627—C. R. Hartman—Subsoil Plow.

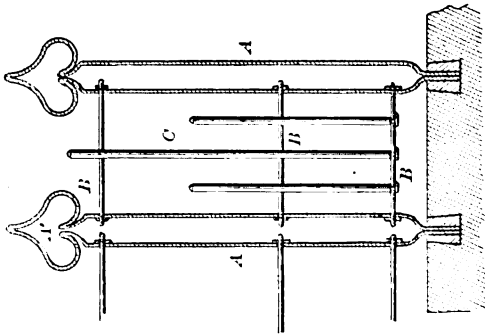


**76628**—H. M. Hervey—*Jack Scale.***76633**—B. Hitchcock—*Bed Bottom.***76630**—Hickok & Clement—*Ball Caster.***76634**—L. W. Holland—*Cultivator.***76631**—C. J. Hill—*For Producing Reduced Copies of Metals.***76629**—W. Hewett—*Swing Carriage.***76632**—S. B. Hill—*Bit Brace.*

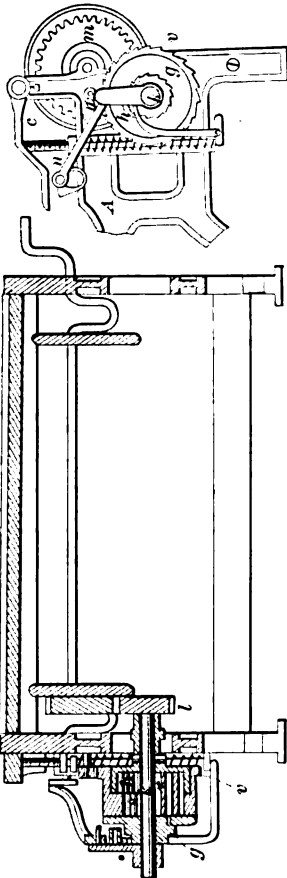
**76635**—H. S. Hopkins—*Pump Piston.*



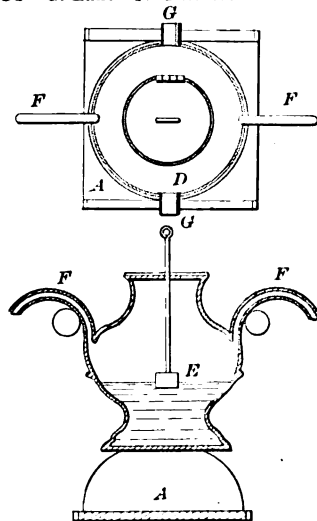
**76637**—M. Krumm—*Fence Post.*



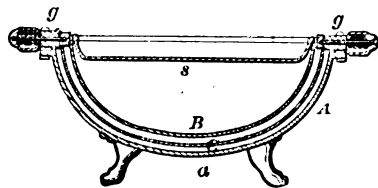
**76636**—D. Hussey—*Let-off Mechanism for Looms.*



**76638**—G. Lane—*Ice Pitcher.*



**76639**—N. Lawrence—*Butter Dish.*

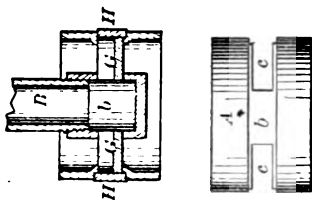
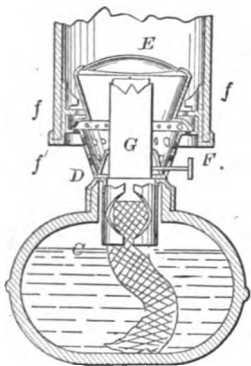
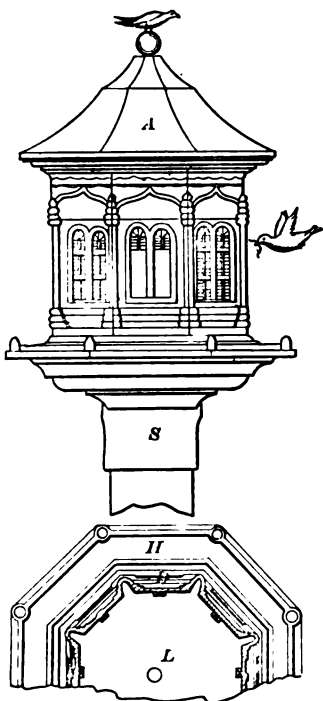
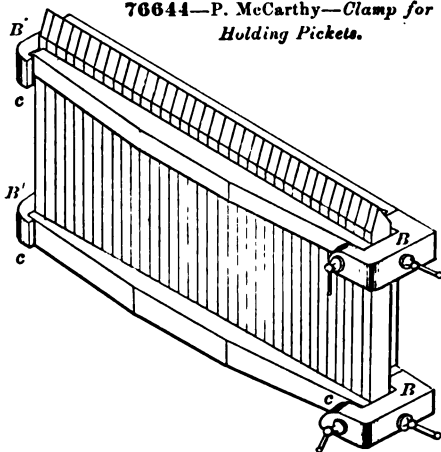
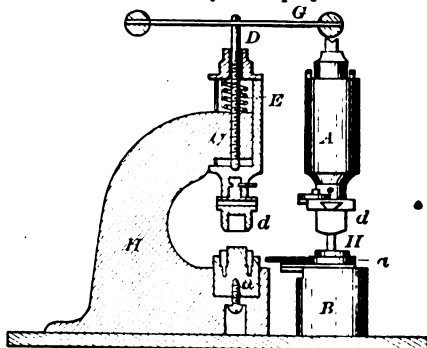
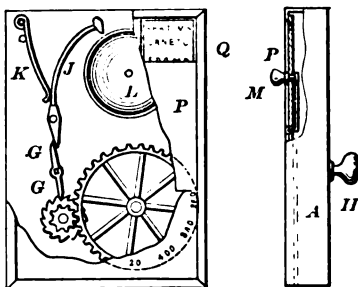
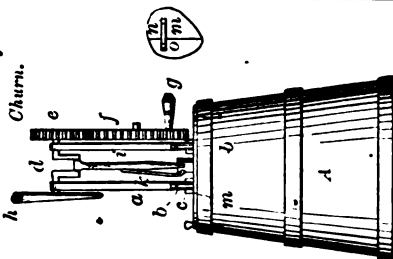


**76642**—P. Lull—*For Removing Hides from Animals.*

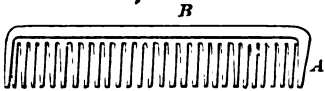


**76640**—A. H. Lewis—*For Fettering Horses.*

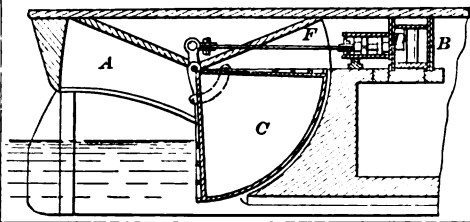


**76643—S. G. Mason—Pump Piston.****76645—W. C. McGill—Lamp Burner.****76648—H. Miller—Bird House.****76644—P. McCarthy—Clamp for Holding Pickets.****76647—Mead & Addy—Stamping Press.****76646—W. C. McGill—Conductors' Register.****76649—Morse & Sawyer—Churn.**

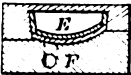
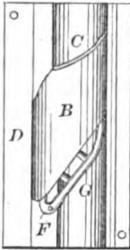
**76650—J. P. Noyes—Toilet Comb.**



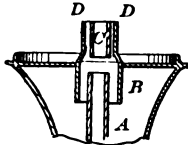
**76651—C. M. O'Hara—Propeller.**



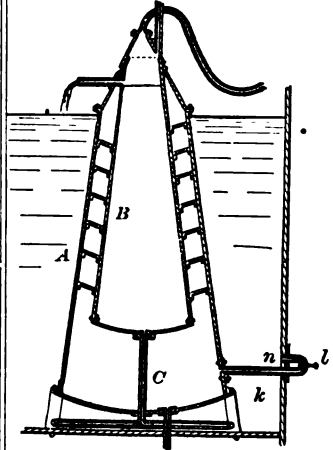
**76652—J. Oliver—Plow Mould Board.**



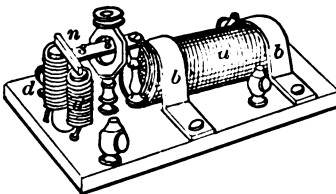
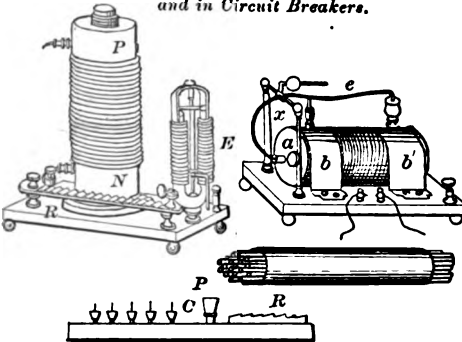
**76653—G. K. Osborn—Lamp Burner.**



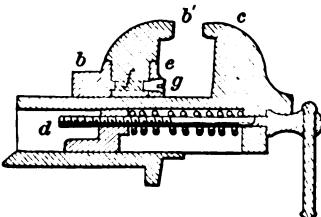
**76655—W. Phelan—Condenser.**



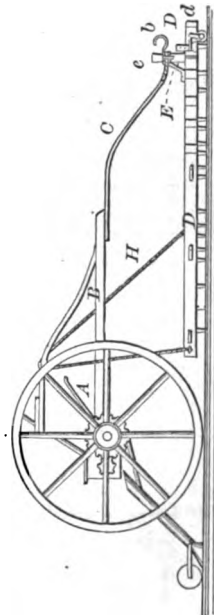
**76654—C. G. Page—Induction Coil Apparatus and in Circuit Breakers.**

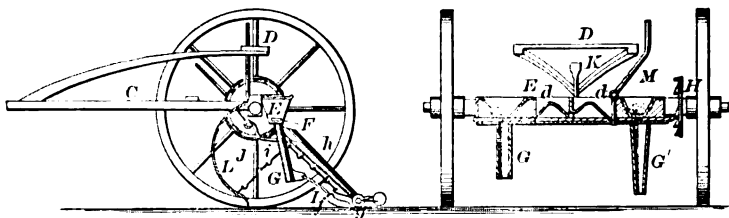
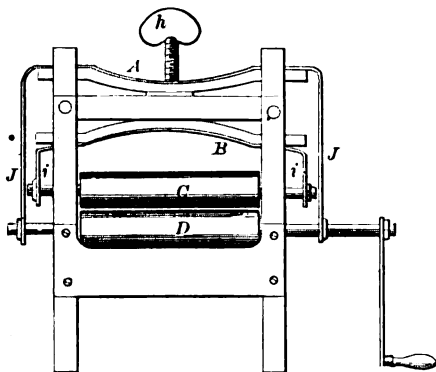
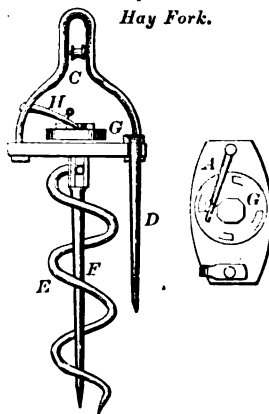
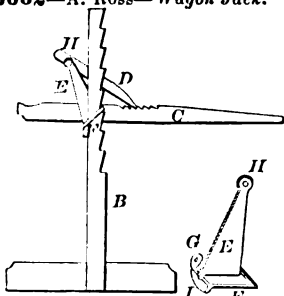
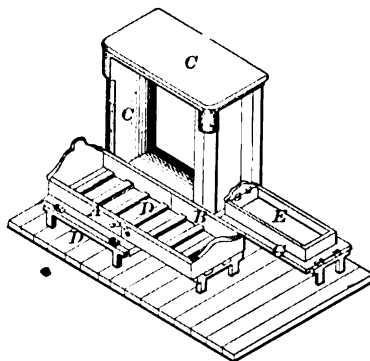
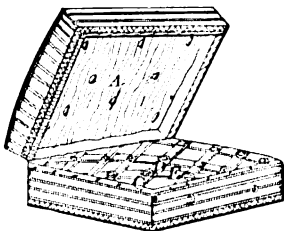
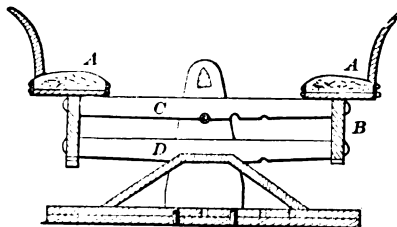
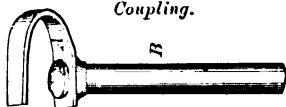


**76656—B. L. Randall—Vise.**

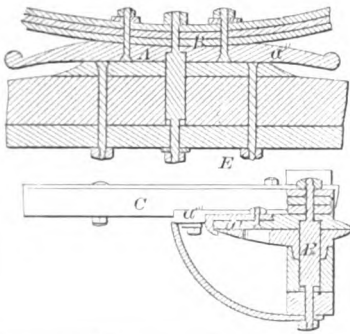


**76657—B. Randall—Sulky Harrow.**

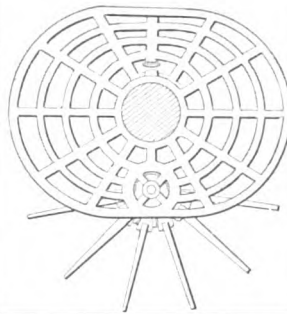
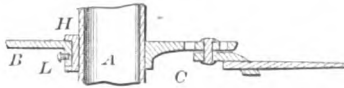


**76658—B. Randall—Corn Planter.****76659—B. Reed—Clothes Wringer.****76661—A. Reynolds—Horse Hay Fork.****76662—A. Ross—Wagon Jack.****76664—Shackford & Arnaud—Bureau Bedstead.****76663—J. W. H. Scott—Mattress.****76665—A. F. Sherman—See-Saw.****76666—Smith & Judson—Thill Coupling.**

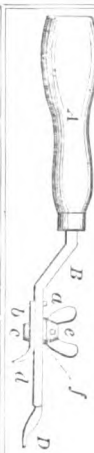
**76667**—S. B. Smith—*Fifth Wheel Bearing.*



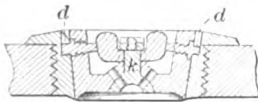
**76668**—Stiles & Jackman—*Stove Pipe Shelf.*



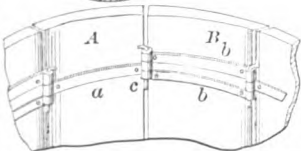
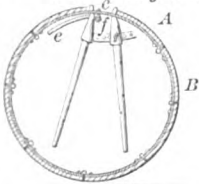
**76669**—N. F. Stone—*Can Opener.*



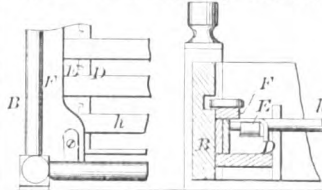
**76670**—C. C. Stremme—*Bung.*



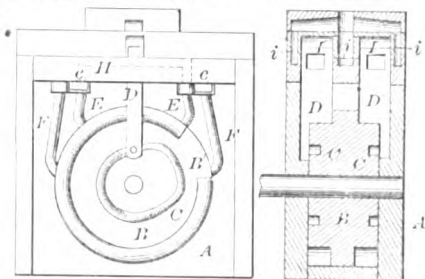
**76672**—J. A. Sutherland—*For Curbing Wells.*



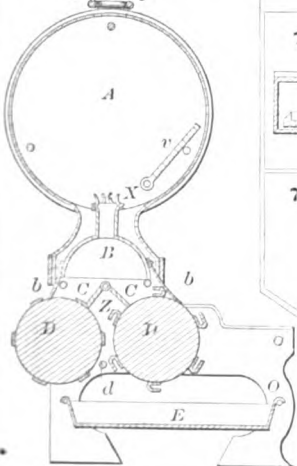
**76674**—W. H. Tambling—*Bed Bottom.*



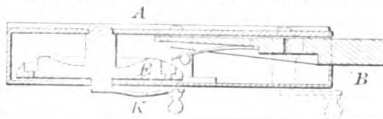
**76676**—Van Vorhis & Workman—*Rotary Engine.*



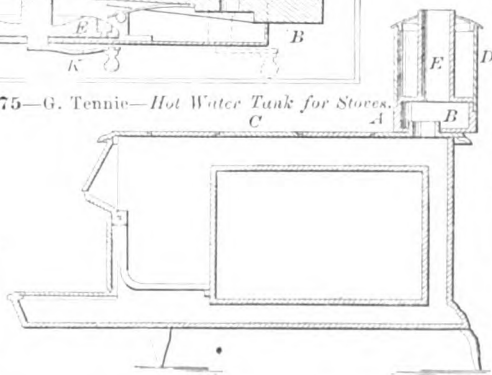
**76673**—G. J. Swingle—*Fly Trap.*



**76674**—C. Sulzman—*Door Bolt and Lock.*

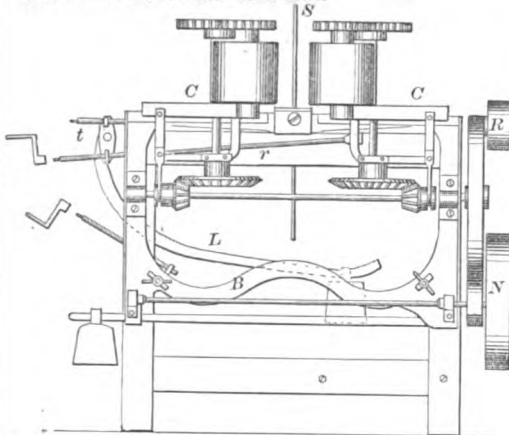


**76675**—G. Tennie—*Hot Water Tank for Stores.*

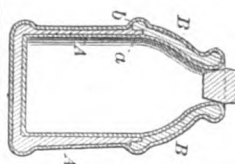




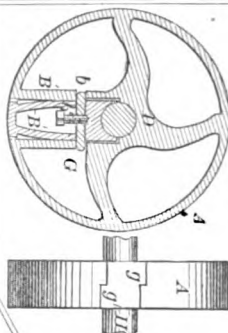
76677—L. B. Walker—Saw Mill.



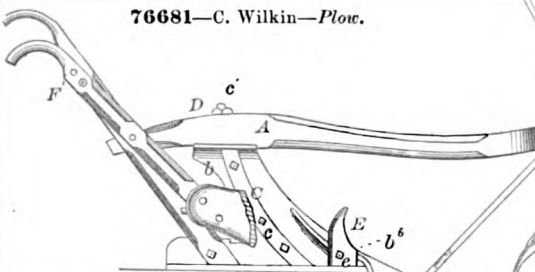
76678—D. P. Webster—Acid Bottle.



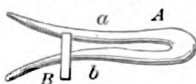
76680—S. Wheeler—Pulley and Gearing.



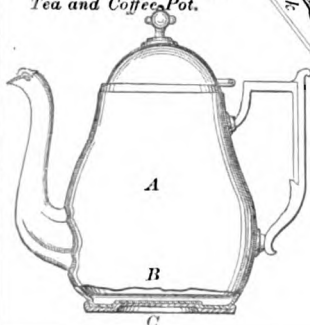
76681—C. Wilkin—Plow.



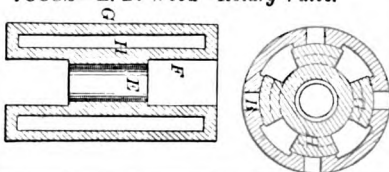
76683—G. W. Wood—Hair Crimper.



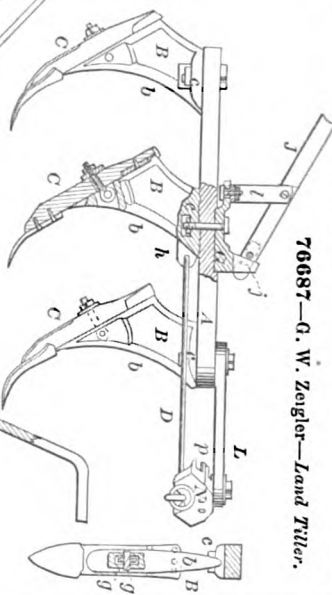
76684—D. B. Woodworth—Tea and Coffee Pot.



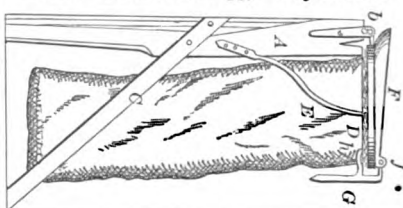
76682—E. D. Wood—Rotary Valve.



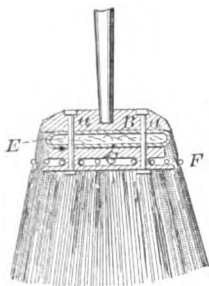
76687—G. W. Zeigler—Land Tiller.



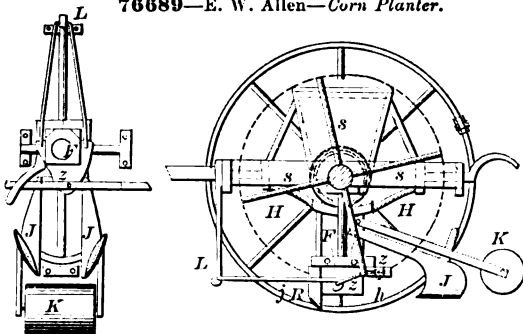
76686—J. &amp; T. R. Yaggy—Bag Holder.



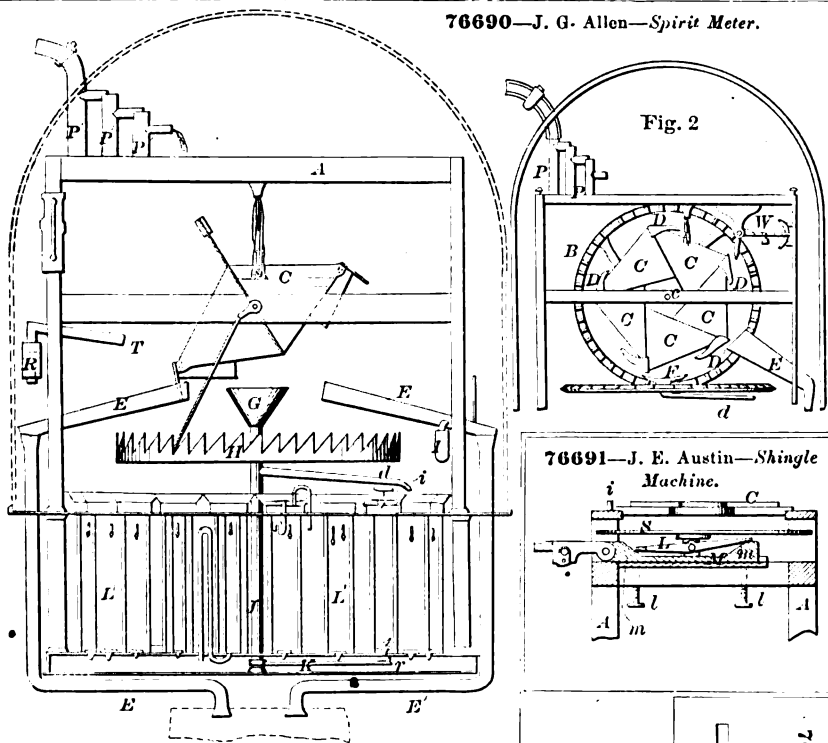
**76688—A. Alden—**  
*Broom Head.*



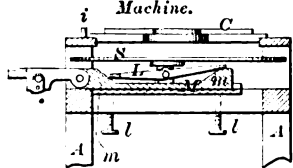
**76689—E. W. Allen—*Corn Planter.***



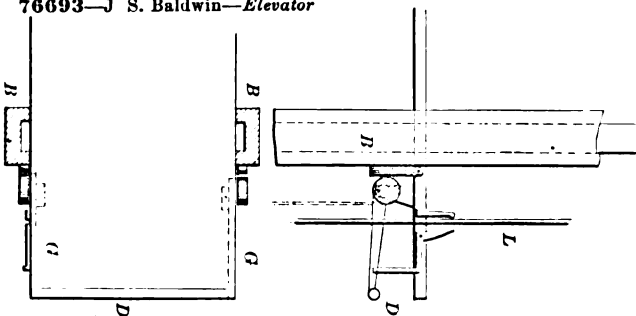
**76690—J. G. Allen—*Spirit Meter.***



**76691**—J. E. Austin—*Shingle Machine.*

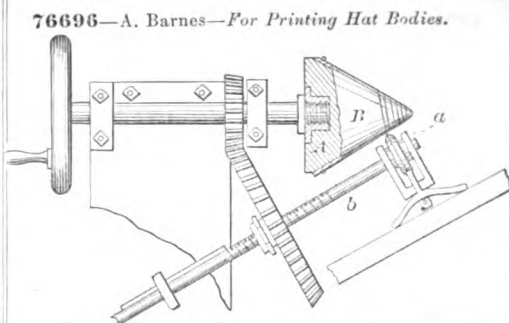
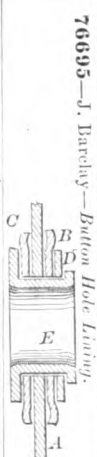
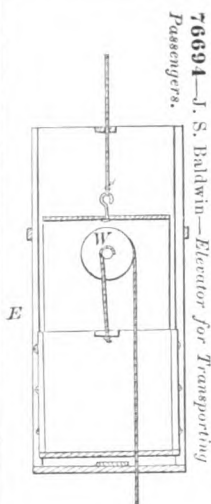


**76693—J S. Baldwin—Elevator**

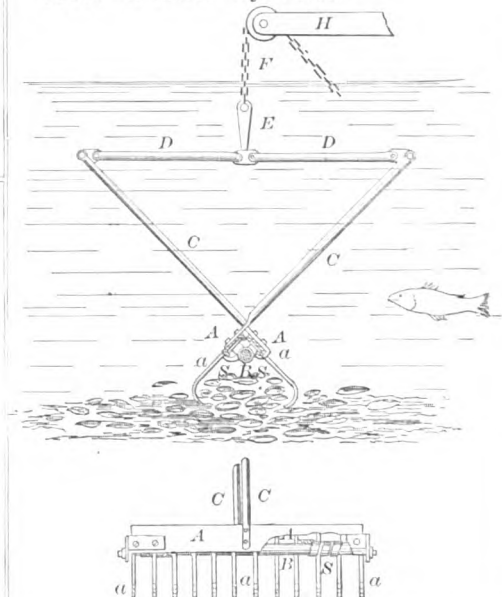


76692—J. S. Baldwin—*Elevator*.

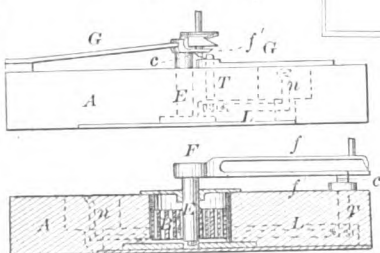
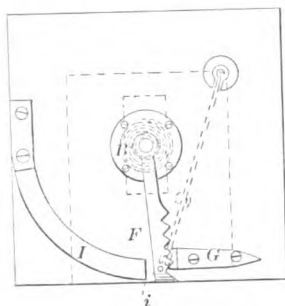




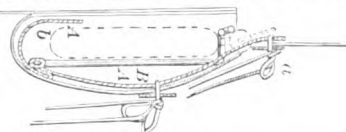
**76697**—A. Barrett—*Oyster Rake.*



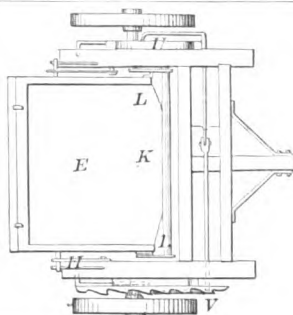
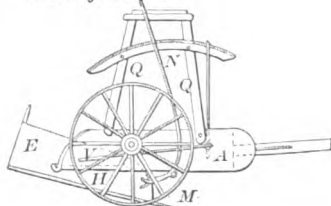
**76700**—R. Beem—*Rat Trap.*



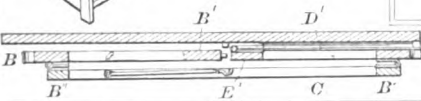
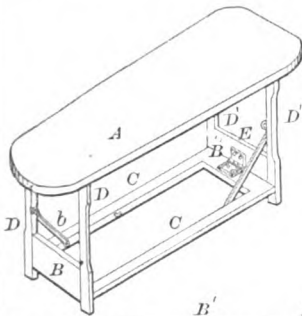
**76699**—C. Laumann—*Watch Protector*



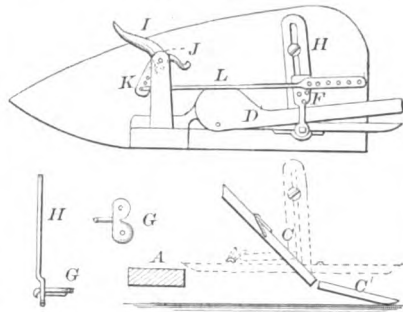
**76698**—Bartlit & Merryman—*Grading Machine.*



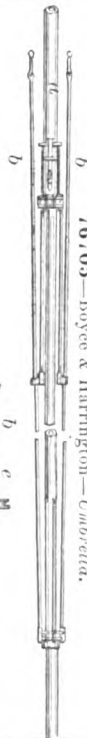
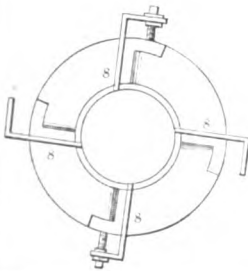
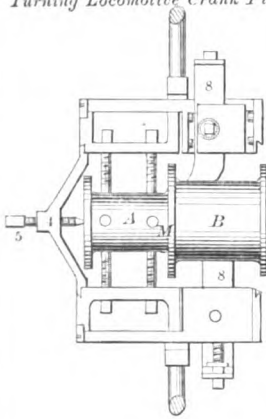
**76701**—G. I. Birch—Ironing Board.



**76703**—J. W. Bope—Platform for Harvesters.



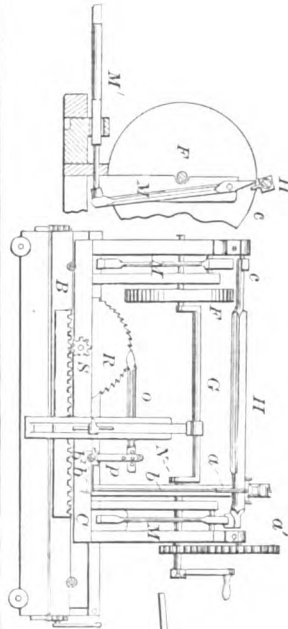
**76702**—Blythe & Hayes—For Turning Locomotive Crank Pins.



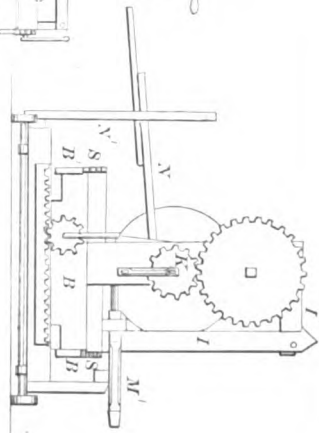
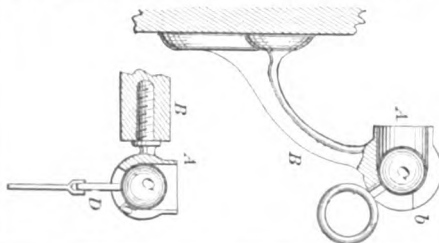
**76705**—Boyce & Harrington—Umbrella.



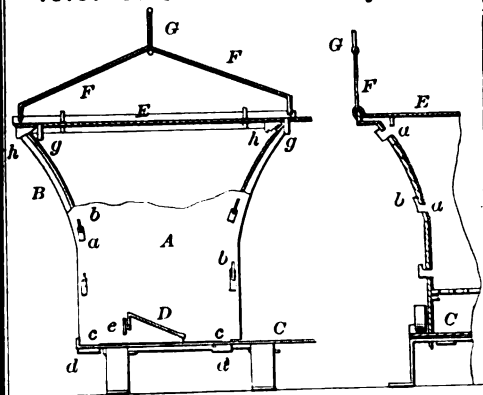
**76704**—J. Borton—Coal Excavating Machine.



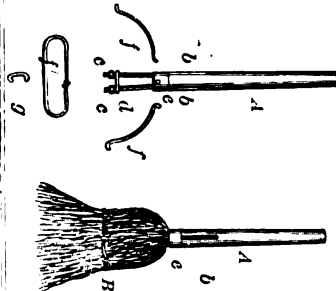
**76706**—H. Breevort—Detachable Ball Joint.



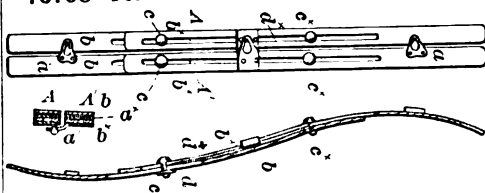
76707—H. Brown—Portable Cooking Stove.



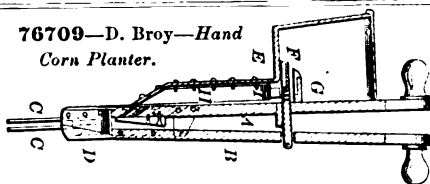
76710—J. Buereky—Broom.



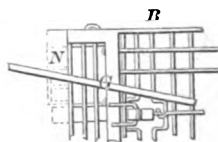
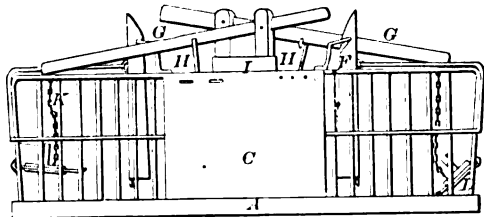
76708—Brown &amp; Willets—Corset Spring.



76709—D. Broy—Hand Corn Planter.

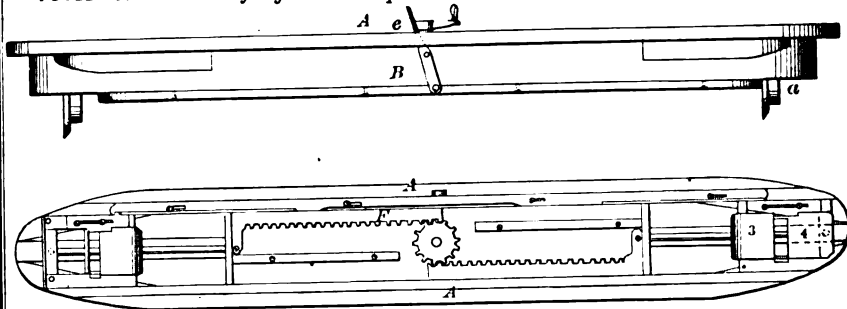


76713—J. J. Cline—Animal Trap.

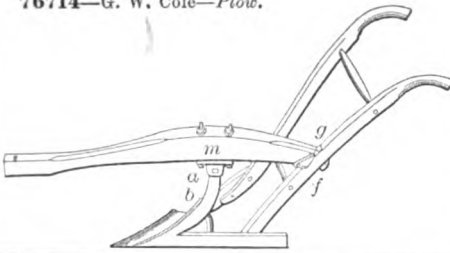


76712—W. H. Castle—Water Elevator.

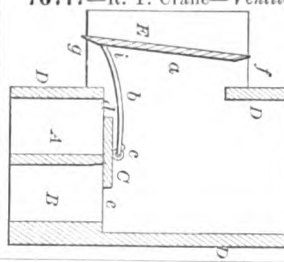
76711—J. Busser—Shifting Bucket Propeller.



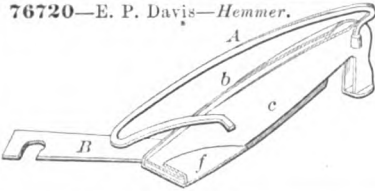
76714—G. W. Cole—*Plow.*



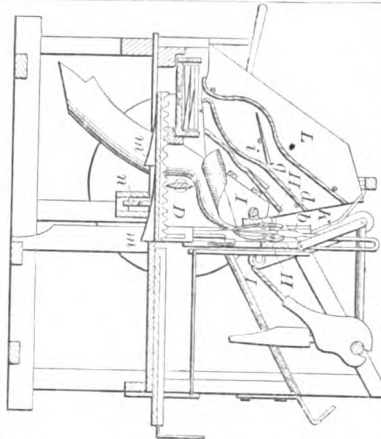
76717—R. T. Crane—*Ventilator.*



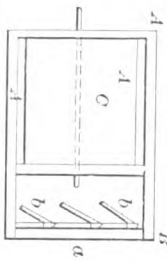
76720—E. P. Davis—*Hemmer.*



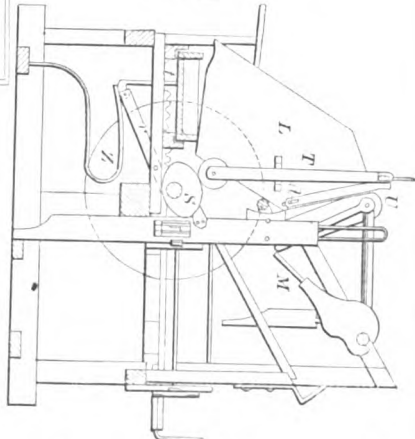
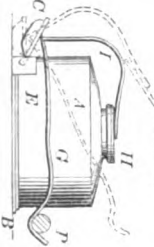
76721—J. P. N. Davis—*Shingle Machine.*



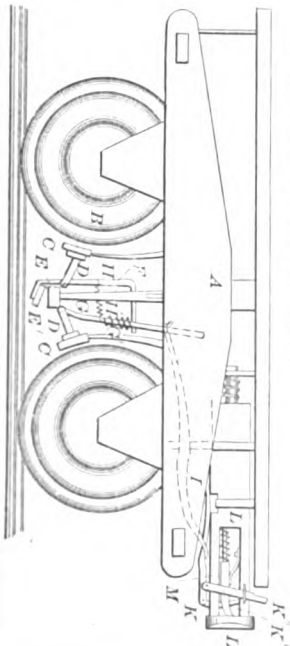
76718—R. T. Crane—*Ventilator.*



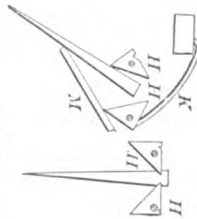
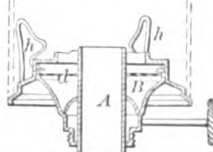
76719—Darling & Hall—*Inkstand.*

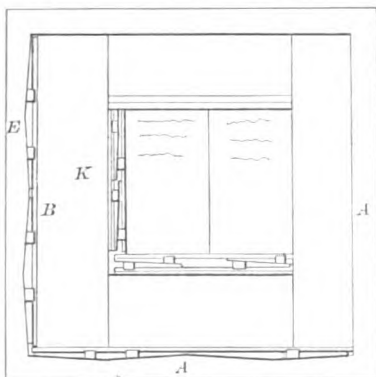
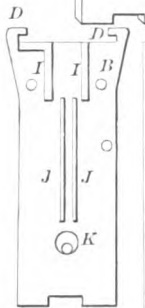
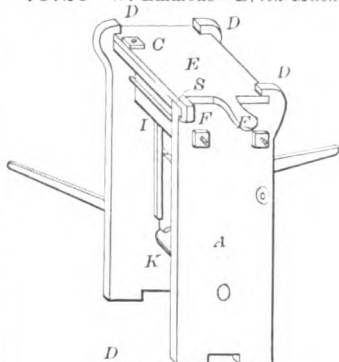
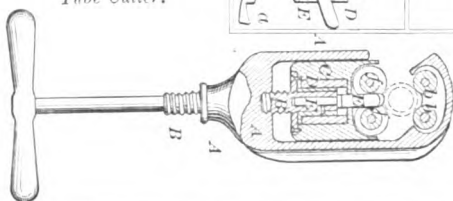
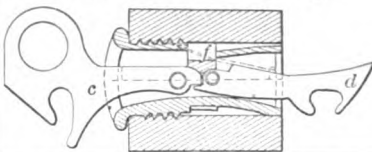
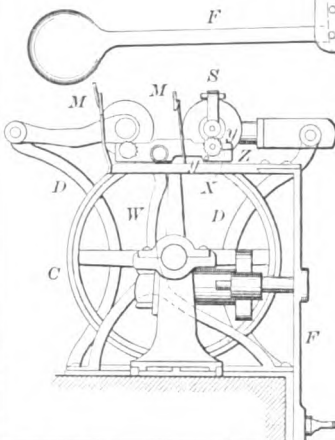
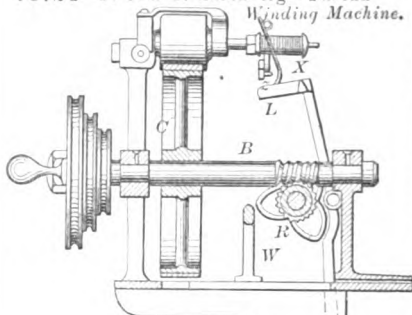
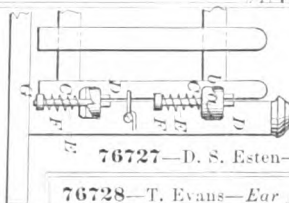
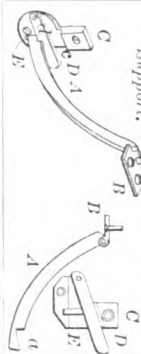
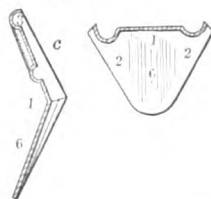


76715—G. W. Combs—*Car Brake.*

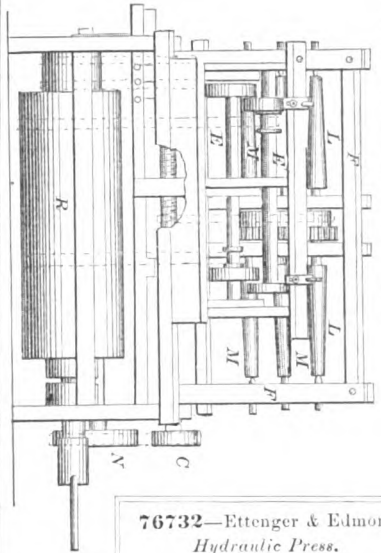
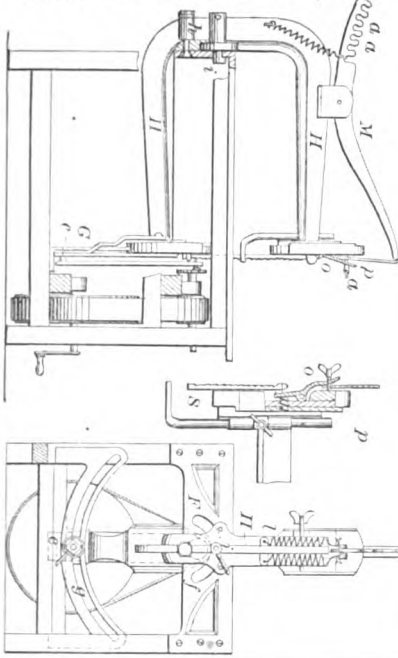


76716—H. Coulter—*Lamp Burner.*



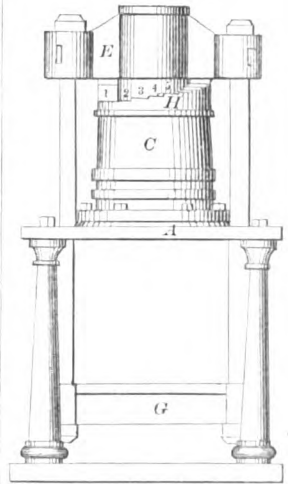
76722—R. Dick—*Printers' Chase.*76726—W. Emmons—*Brick Machine.*76729—J. De Galleford—*Tube Cutter.*76723—B. Doe—*Shutter Fastening.*76724—F. C. & T. Ehrenberg—*Thread Winding Machine.*76725—S. Ehrman—*Table Leaf Support.*76727—D. S. Esten—*Hinge.*76728—T. Evans—*Ear for Kettle Bails.*

76730—B. Demming—Scroll Saw Mill.

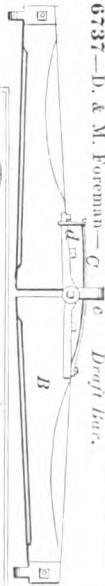


76733—G. W. Feltes—Wood Lathe.

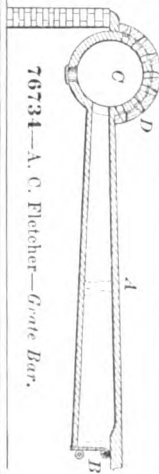
76732—Ettenger & Edmond—Hydraulic Press.



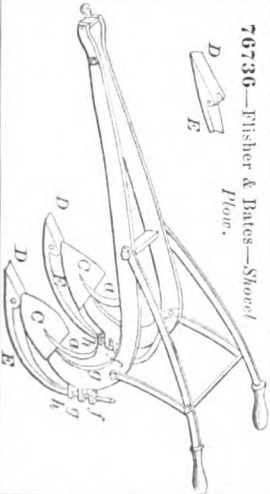
76737—D. & M. Foreman—C Draft Bar.



76734—A. C. Fletcher—Grove Bar.



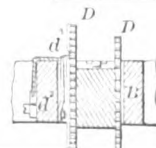
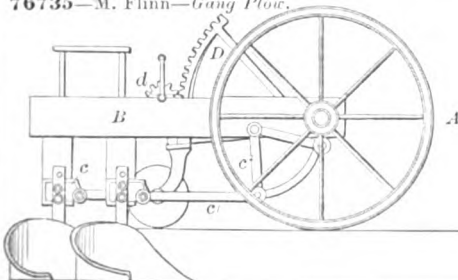
76736—Fisher & Bates—Shovel Plover.



76731—L. Elliott, Jr.—Overshoe.

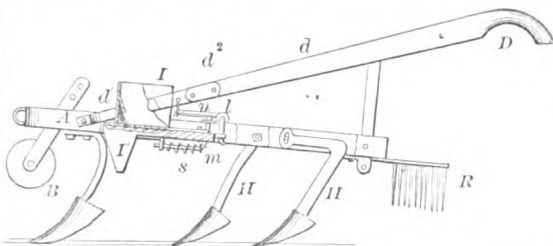


76735—M. Flinn—Gang Plow.

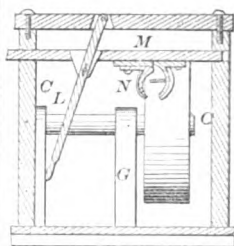




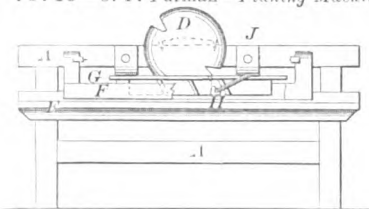
76738—J. H. Frampton—*Corn Planter and Plow.*



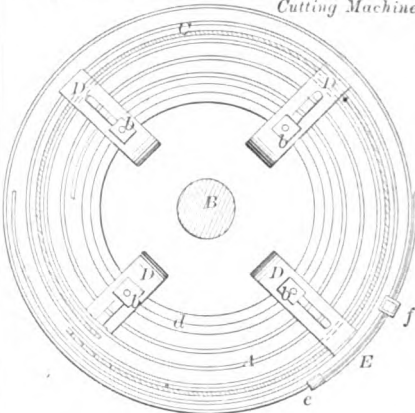
**76739**—T. W. Frost—  
*Shipper for Shifting Belts.*



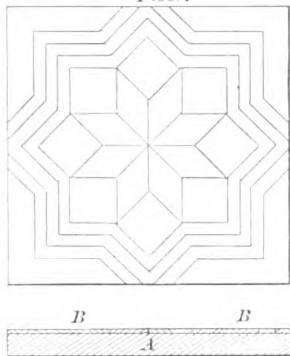
76740—O. P. Furman—*Planing Machine.*



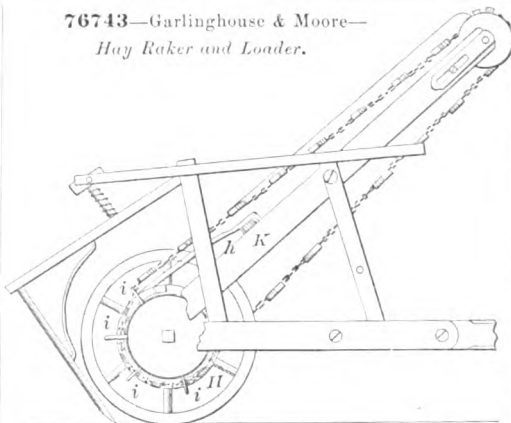
76741—W. M. Galusha—*Scroll Index for Gear Cutting Machines.*



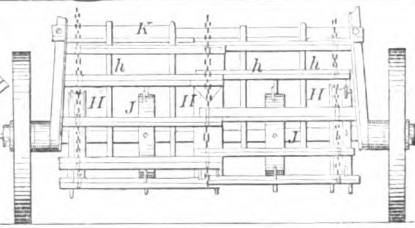
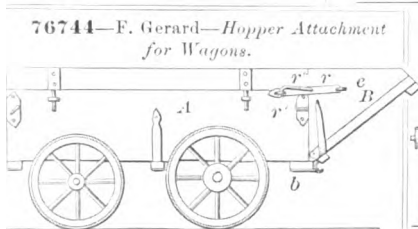
76742—G. G. Garibaldi—*Mosaic Floor.*



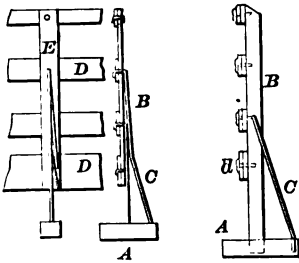
76743—Garlinghouse & Moore—  
*Hay Raker and Loader.*



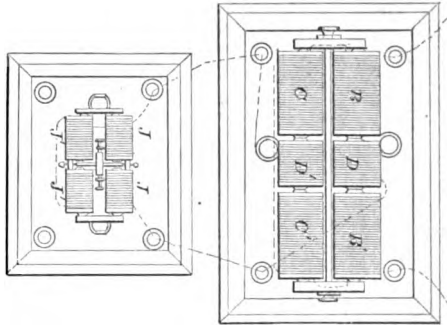
76744—F. Gerard—*Hopper Attachment for Wagons.*



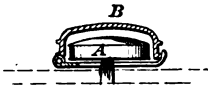
**76745—J. A. Gormly—Fence.**



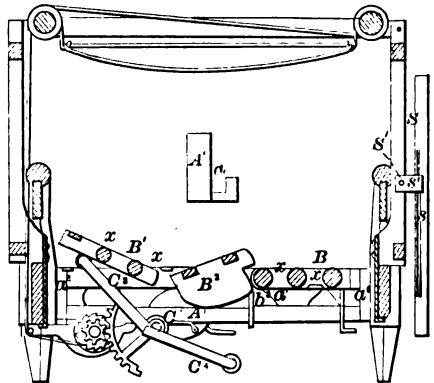
**76748—E. Gray—Telegraph Apparatus.**



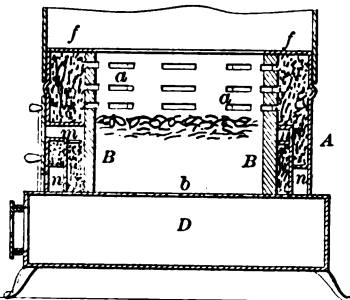
**76746—F. H. Gould—Detachable Button Covering.**



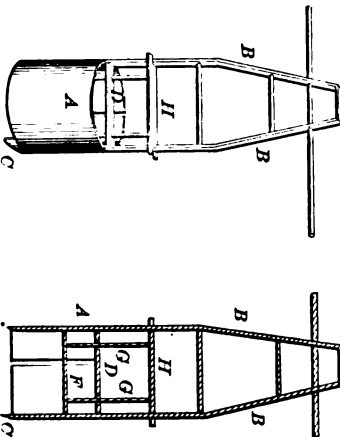
**76747—E. Gray—Hospital Bed.**



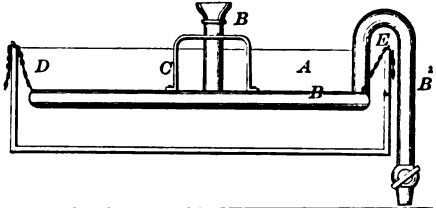
**76750—C. B. Gregory—Fireplace.**



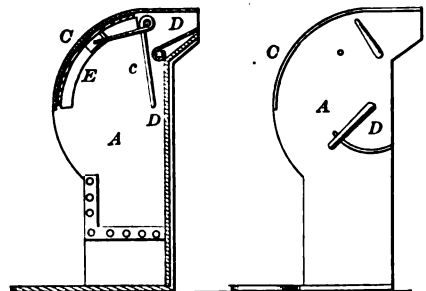
**76752—W. I. Hale—Post Hole Boring Machine.**



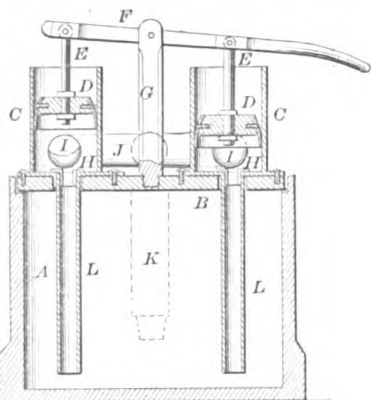
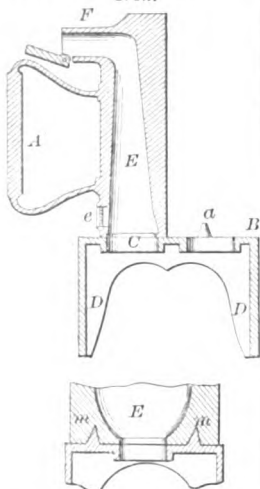
**76749—Greenleaf & Larkins—For Treating Milk.**



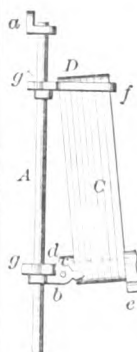
**76751—W. D. Guseman—Fireplace.**



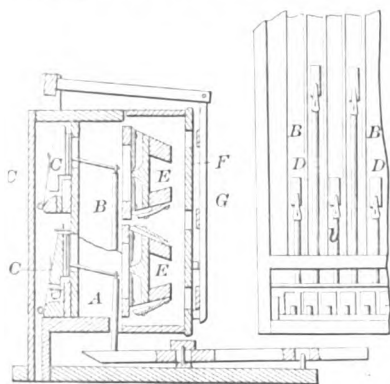
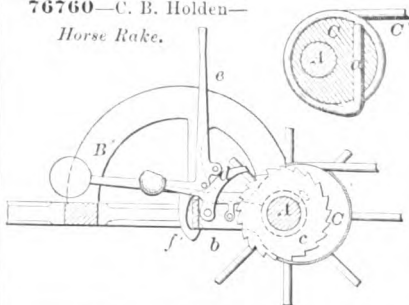
76753—D. C. Hall—Atmospheric Churn.

76754—J. W. Hall—Saw  
Iron.

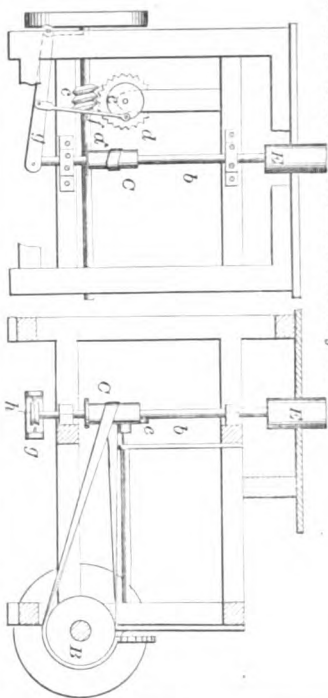
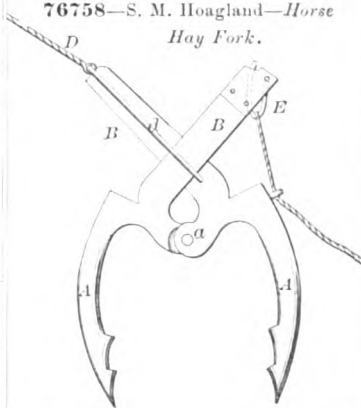
76756—H. J. Hancock—Clothes Dryer.



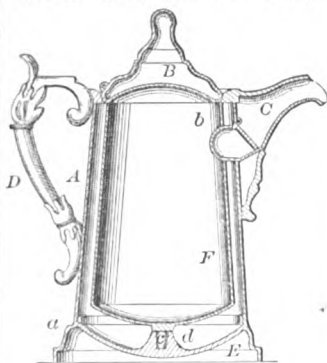
76759—F. Hoddick—Reed Organ.

76760—C. B. Holden—  
Horse Rake.

76755—G. F. Hammer—For Polishing Wood.

76758—S. M. Hoagland—Horse  
Hay Fork.

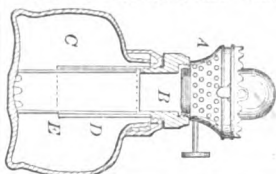
76761—R. Holmes—*Ice Pitcher.*



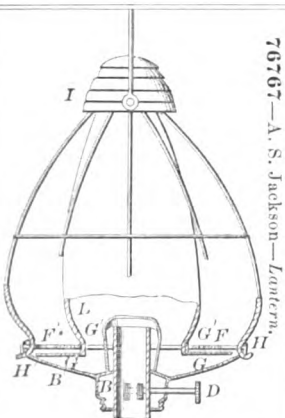
76762—B. F. Hooper—*Coach Pad.*



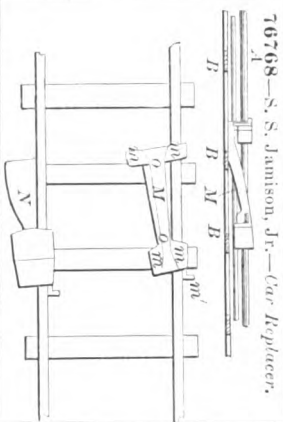
76764—M. W. House—*Lamp.*



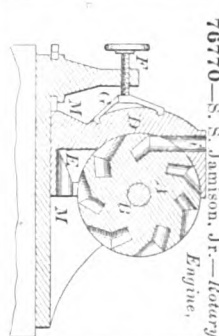
76766—  
E. D. Ives—  
*Glass Knob.*



76767—A. S. Jackson—*Lantern.*

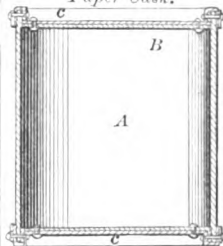


76768—S. S. Jamison, Jr.—*Car Retractor.*

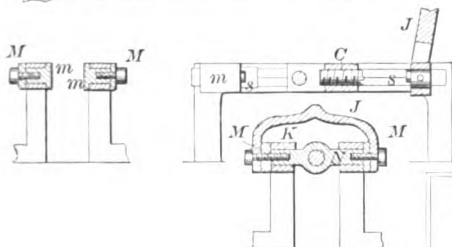
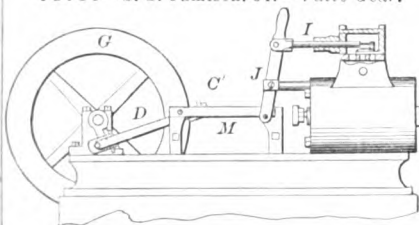


76770—S. Jamison, Jr.—*Rotary Engine.*

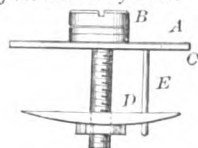
76771—J. W. Jarboe—*Paper Cask.*



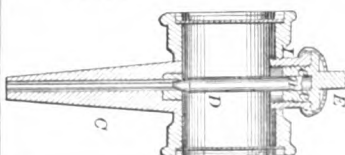
76769—S. S. Jamison, Jr.—*Valve Gear.*



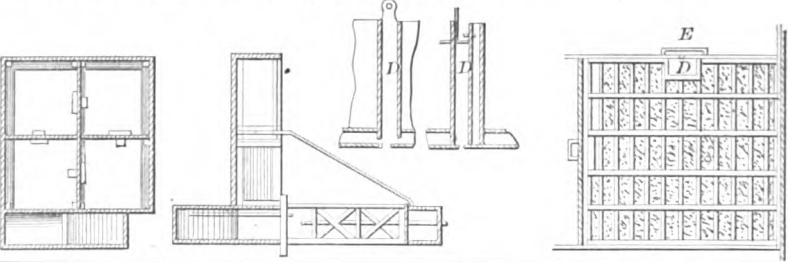
76772—E. T. Jenkins—*For Closing the Mouths of Jars.*



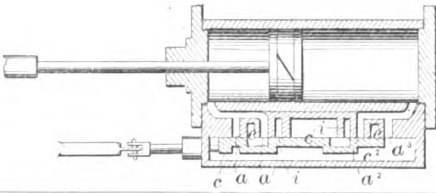
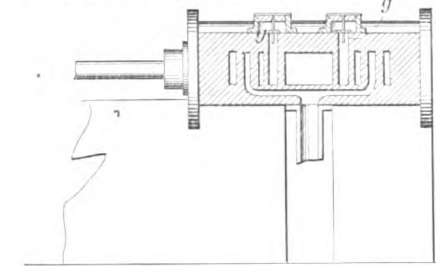
76774—E. Johnson—*Lubricator.*



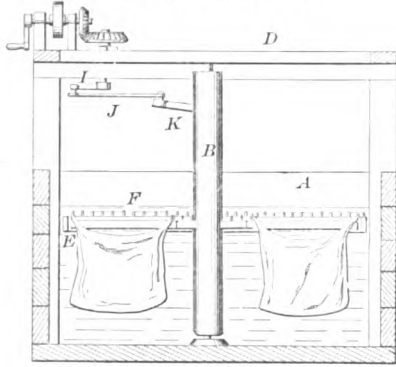
76775—J. W. Jones—For Making Extracts from Bark.



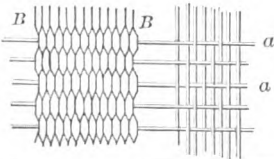
76776—T. L. Jones—Engine Slide Valve.



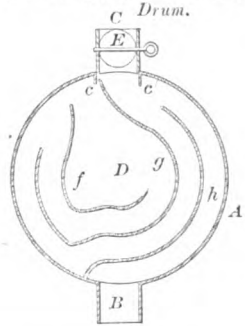
76777—L. L. Kelly—For Tanning.



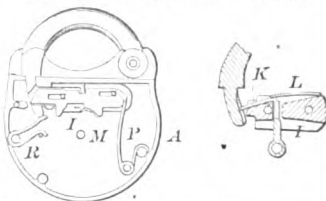
76783—I. Lindsley—Woven Fabric.



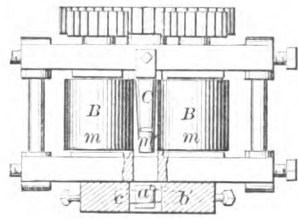
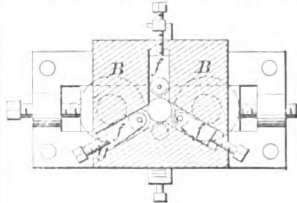
76779—D. Knowlton—Store Pipe



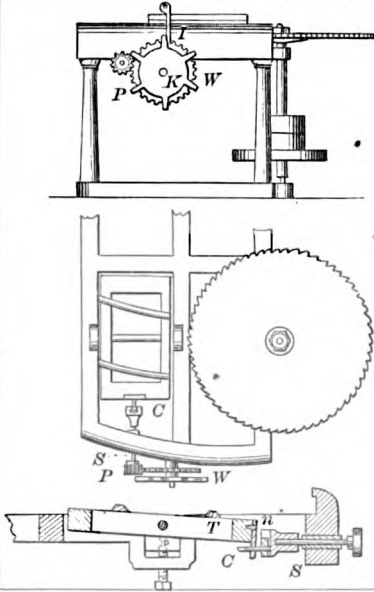
76780—J. E. Kohout—Padlock.



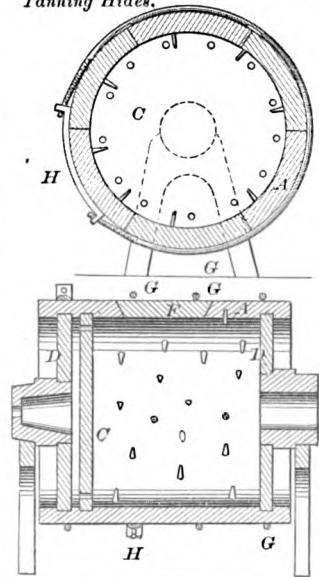
76781—Laforge & Geddes—For Straightening and Rounding Shafting.



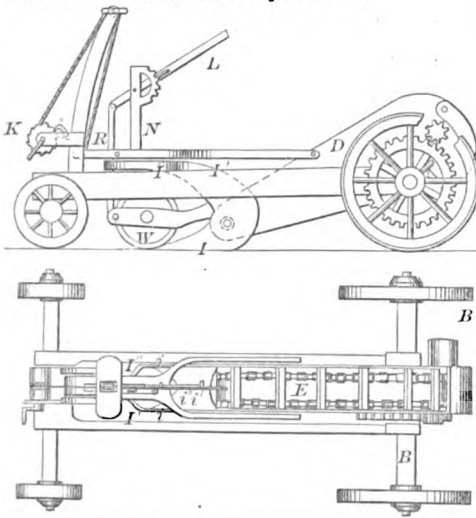
**76782**—P. H. Lawler—*Shingle Machine.*



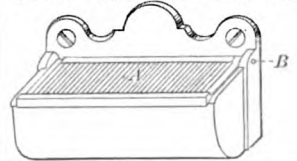
**76784**—J. W. Lull—*Revolving Cylinder for Tanning Hides.*



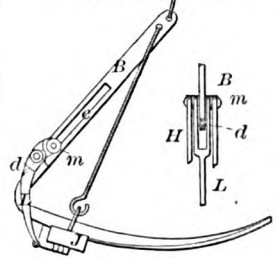
**76788—J. Masters—*Ditching Machine.***



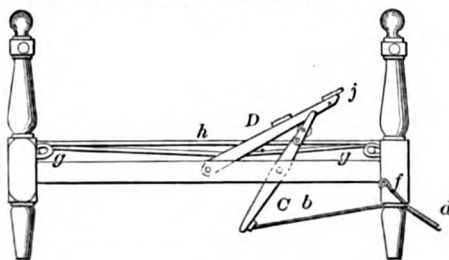
**76786**—A. Martin—*Match Box.*



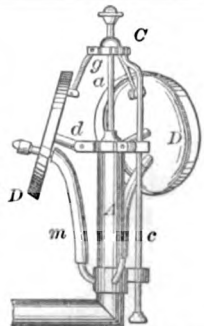
**76787**—Martin & Blocher—  
*Horse Hay, Fork.*



**76785**—J. S. Mabbett—*Bed Bottom.*

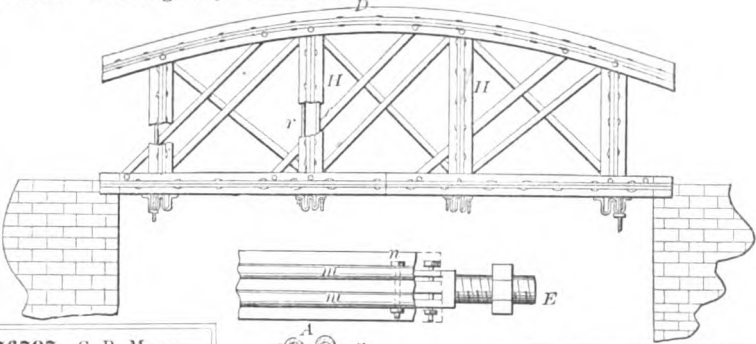


**76789—W. J. McLea—Gas Reflector.**

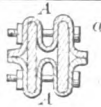




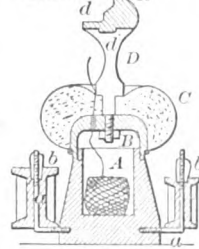
76795—R. Montgomery—Metal Beam.



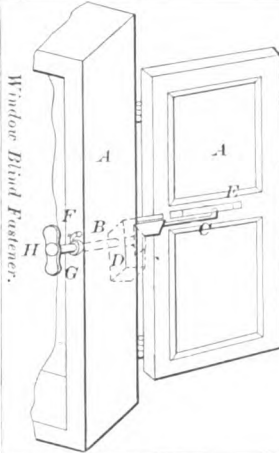
76797—C. B. Morse—  
Making Rings for  
Ring Spinning.



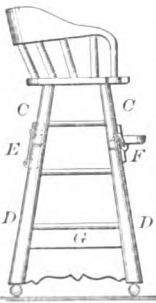
76796—I. Morris—Work  
Stand.



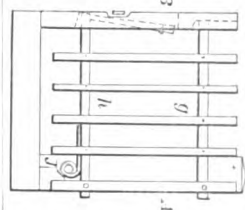
76799—D. B. & C. C. Mosher—



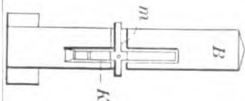
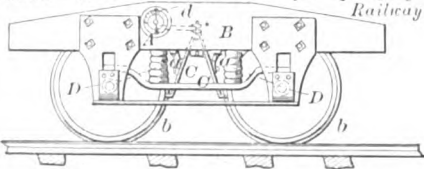
76801—J. Nichols—Chair.



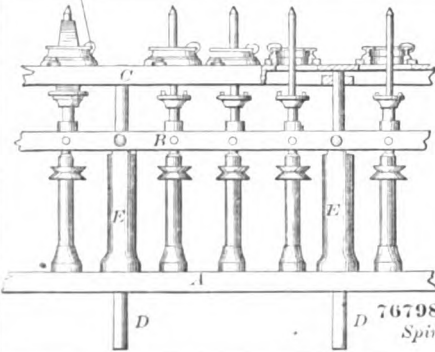
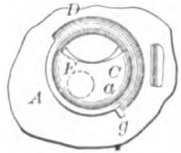
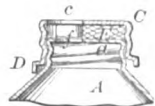
76800—E. M. Naramore—Gill.



76803—L. E. Osborn—Indicator for Springing  
Railway Axles.

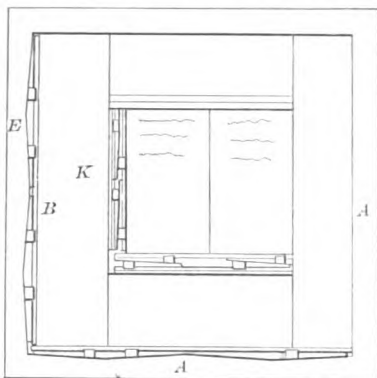
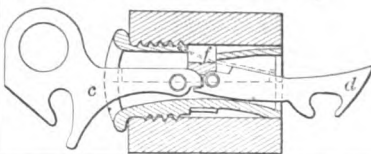
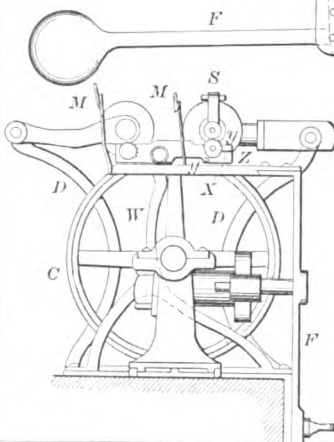
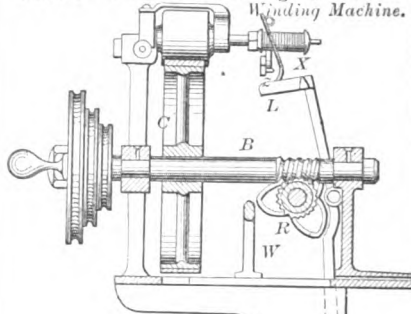
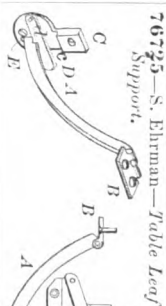
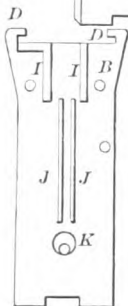
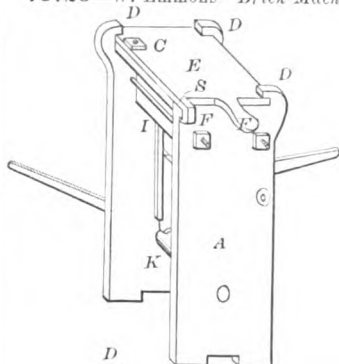
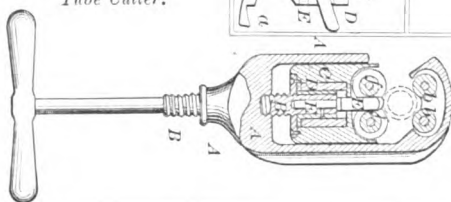
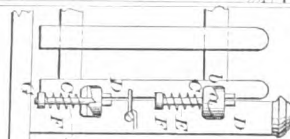
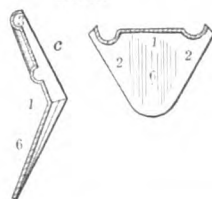


76802—J. H. Noyes—  
Oil Can Cap.

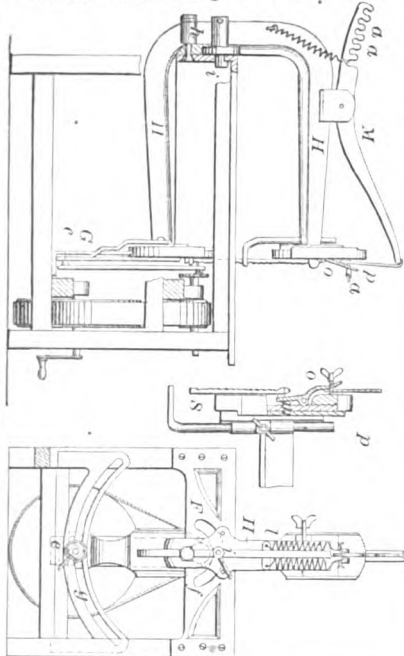


76798—C. B. Morse—  
Spinning Frame.

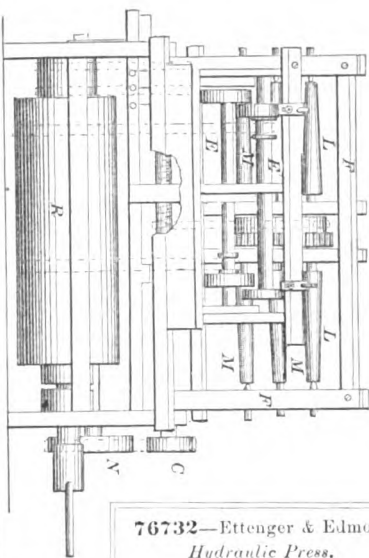


76722—R. Dick—*Printers' Chase.*76723—B. Doe—*Shutter Fastening.*76724—F. C. & T. Ehrenberg—*Thread Winding Machine.*76726—W. Emmons—*Brick Machine.*76729—J. De Galleford—*Tube Cutter.*76727—D. S. Esten—*Hinge.*76728—T. Evans—*Ear for Kettle Bails.*

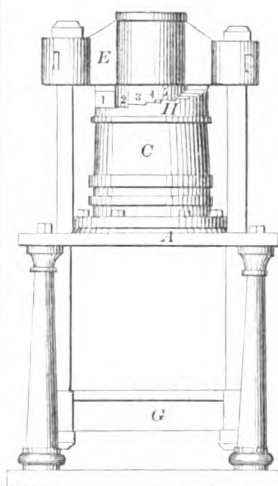
76730—B. Demming—Scroll Saw Mill.



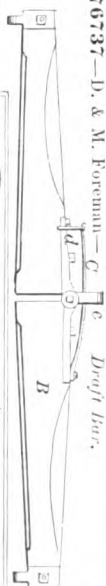
76733—G. W. Feltes—Wood Lathe.



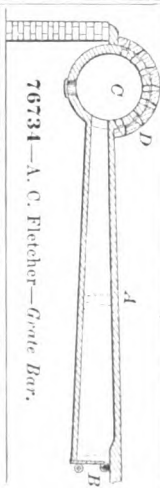
76732—Ettenger & Edmond—Hydraulic Press.



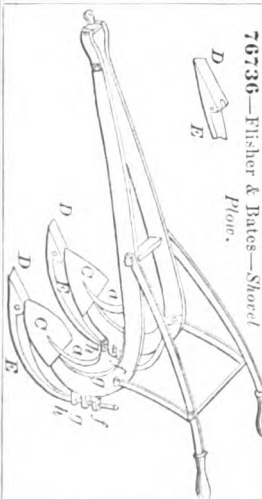
76737—D. & M. Foreman—C Draft Bar.



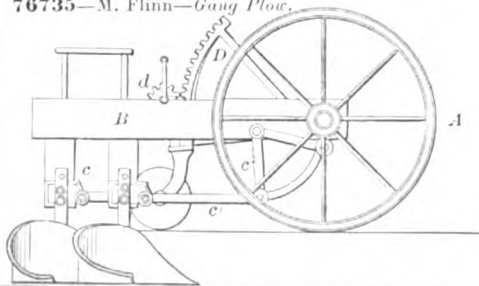
76734—A. C. Fletcher—Grote Bar.



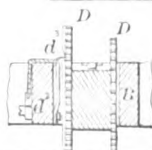
76736—Fisher & Bates—Shovel.



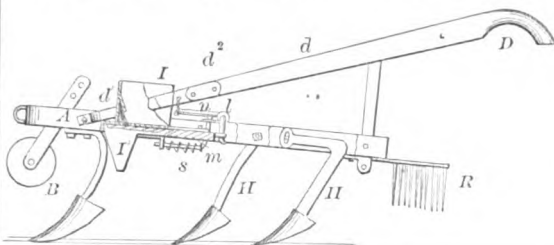
76735—M. Flinn—Gang Plow.



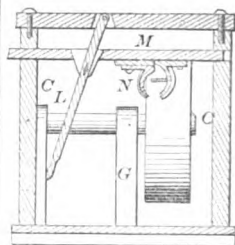
76731—L. Elliott, Jr.—Overshoe.



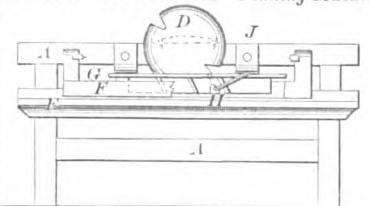
76738—J. H. Frampton—Corn Planter and Plow.



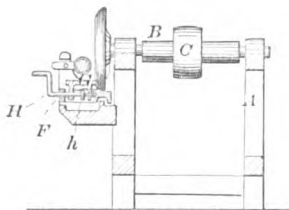
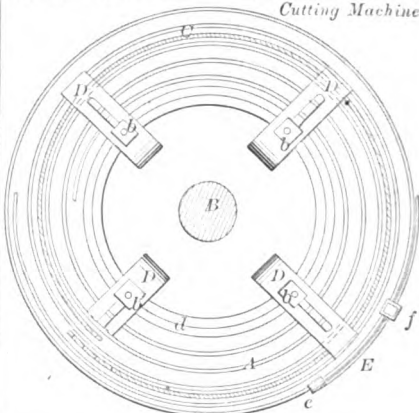
76739—T. W. Frost—Shipper for Shifting Belts.



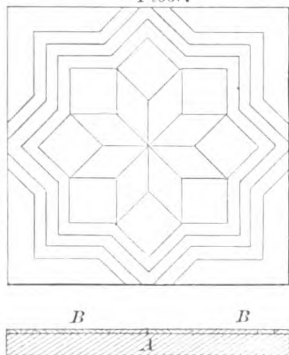
76740—O. P. Furman—Planing Machine.



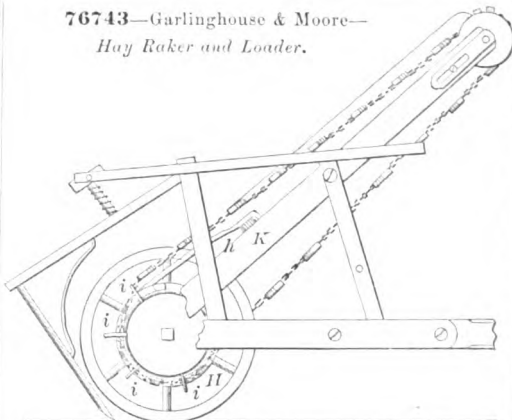
76741—W. M. Galusha—Scroll Index for Gear Cutting Machines.



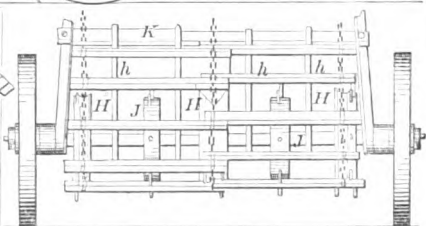
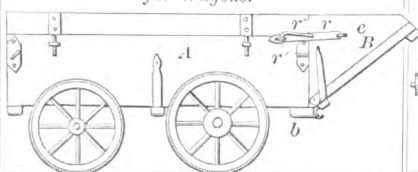
76742—G. G. Garibaldi—Mosaic Floor.



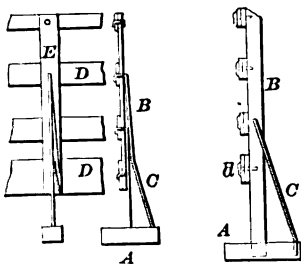
76743—Garlinghouse &amp; Moore—Hay Raker and Loader.



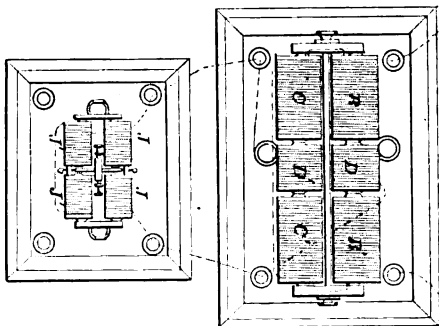
76744—F. Gerard—Hopper Attachment for Wagons.



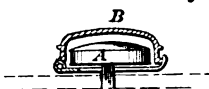
76745—J. A. Gormly—Fence.



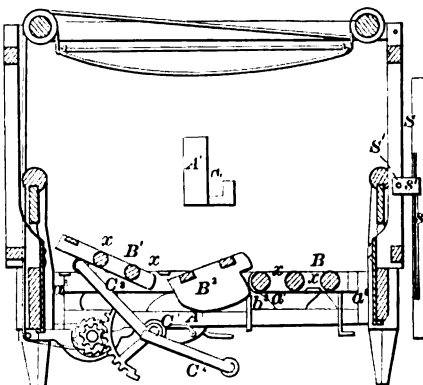
76748—E. Gray—Telegraph Apparatus.



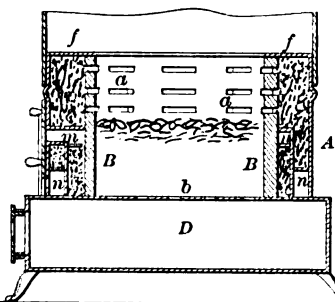
76746—F. H. Gould—  
Detachable Button Covering.



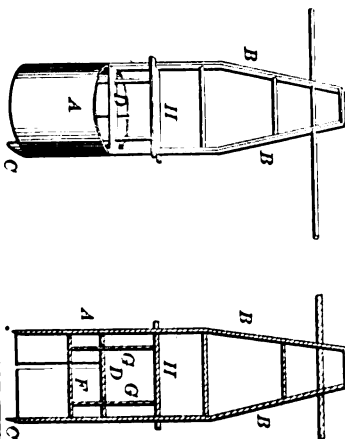
76747—E. Gray—Hospital Bed.



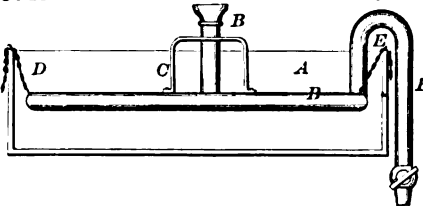
76750—C. B. Gregory—Fireplace.



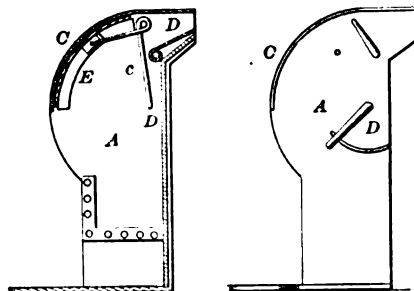
76752—W. I. Hale—Post Hole  
Boring Machine.



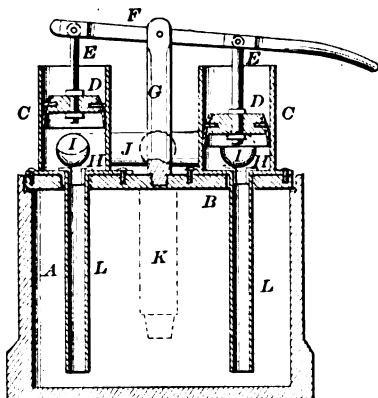
76749—Greenleaf & Larkins—For Treating Milk.



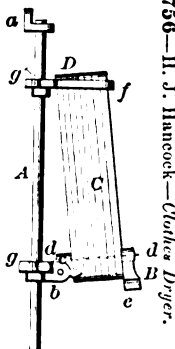
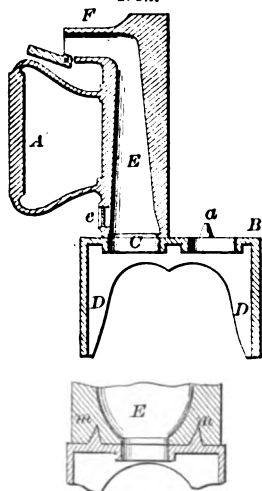
76751—W. D. Guseman—Fireplace.



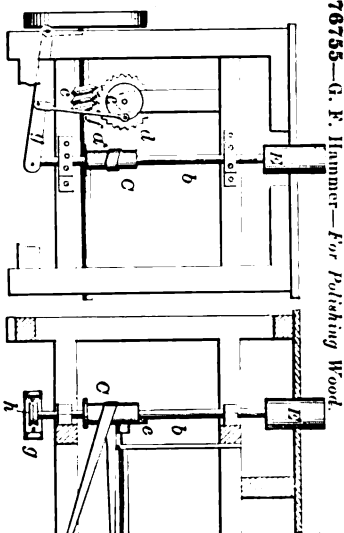
76753—D. C. Hall—Atmospheric Churn.



76754—J. W. Hall—Sad Iron.

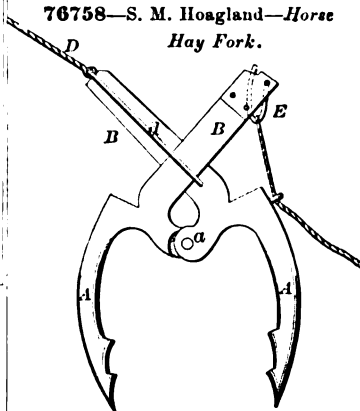


76756—H. J. Hancock—Clothes Dryer.

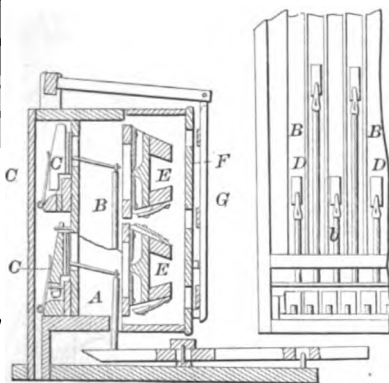


76755—G. F. Hammer—For Polishing Wood.

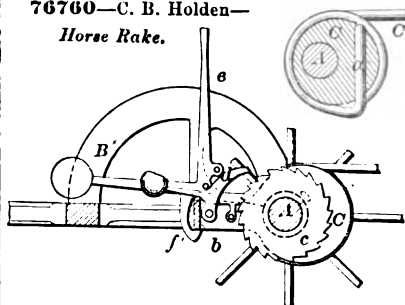
76758—S. M. Hoagland—Horse Hay Fork.



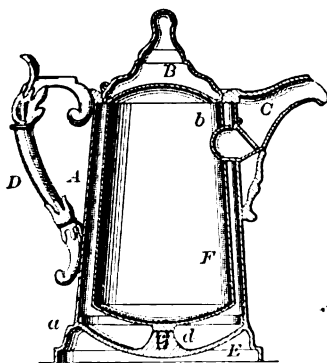
76759—F. Hoddick—Reed Organ.



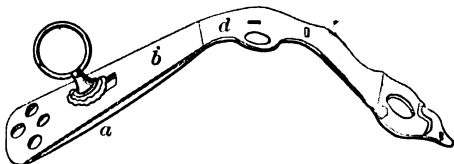
76760—C. B. Holden—Horse Rake.



76761—R. Holmes—Ice Pitcher.



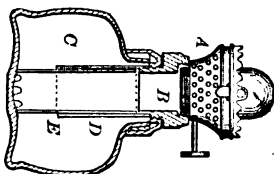
76762—B. F. Hooper—Coach Pad.



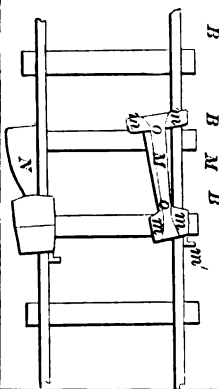
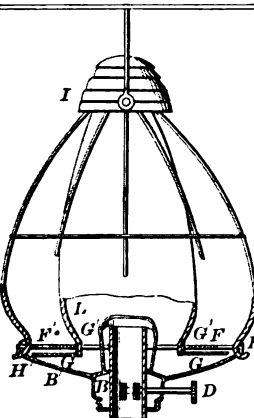
76766—  
E. D. Ives—  
Glass Knob.



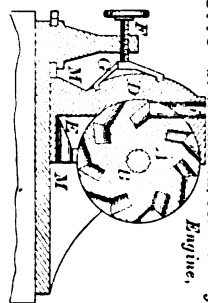
76764—M. W. House—Lamp.



76767—A. S. Jackson—Lantern.

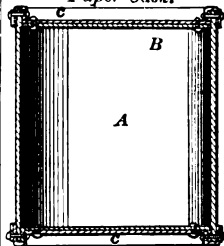


76768—S. S. Jamison, Jr.—Car Keyholder.

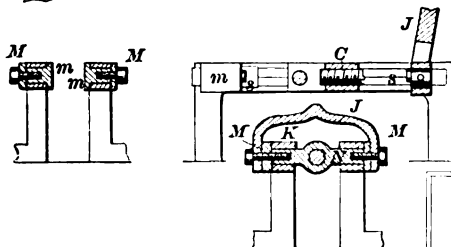
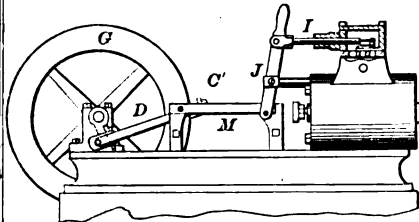


76770—S. S. Jamison, Jr.—Rotary Engine.

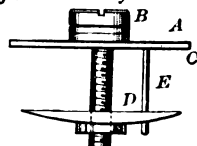
76771—J. W. Jarboe—Paper Cask.



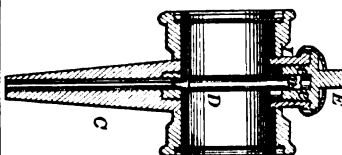
76769—S. S. Jamison, Jr.—Valve Gear.

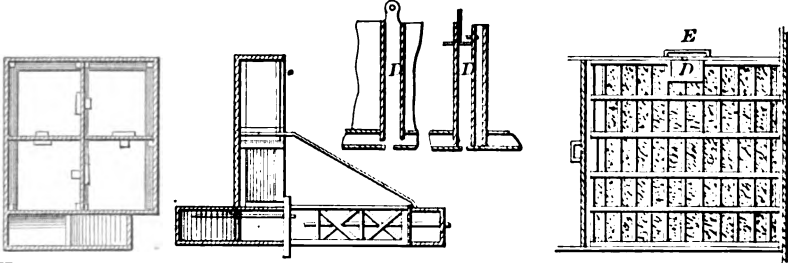
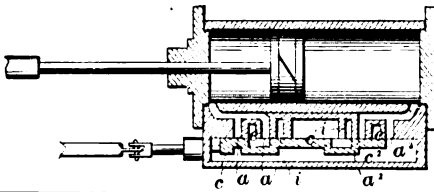
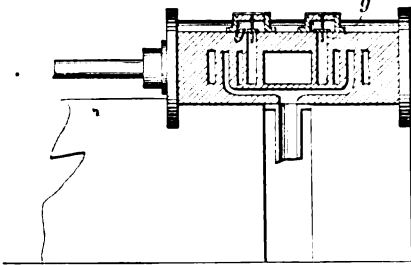
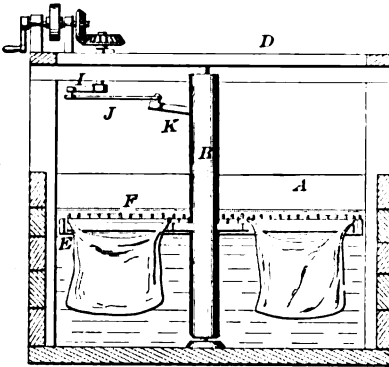
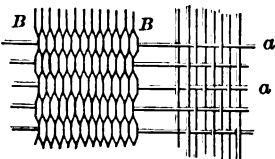
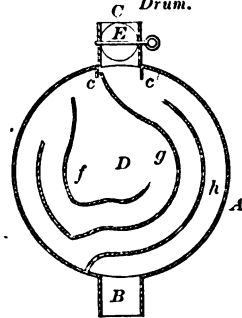
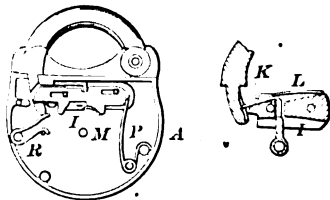
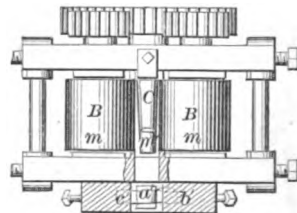
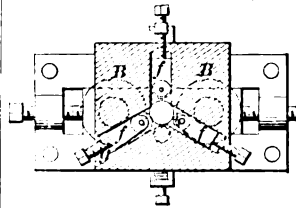


76772—E. T. Jenkins—For Closing the Mouths of Jars.

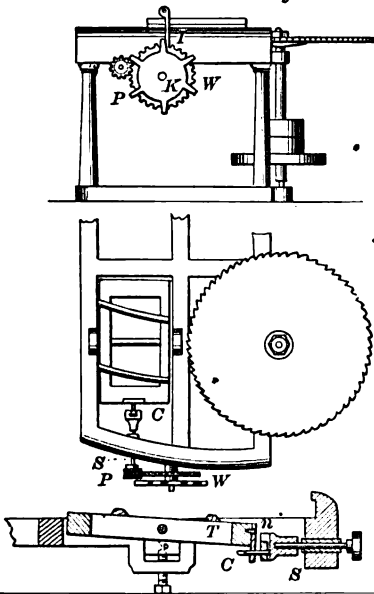


76774—E. Johnson—Lubricator.

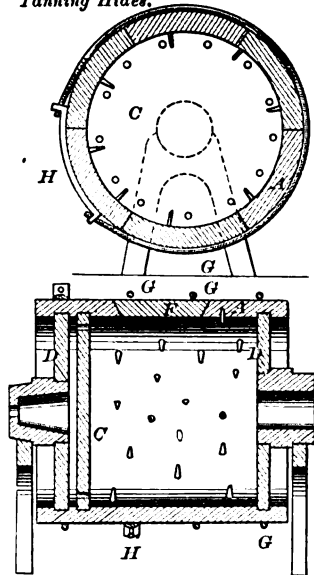


**76775—J. W. Jones—For Making Extracts from Bark.****76776—T. L. Jones—Engine Slide Valve.****76777—L. L. Kelly—For Tanning.****76783—I. Lindsley—Woven Fabric.****76779—D. Knowlton—Store Pipe Drum.****76780—J. E. Kohout—Padlock.****76781—Laforge & Geddes—For Straightening and Rounding Shafting.**

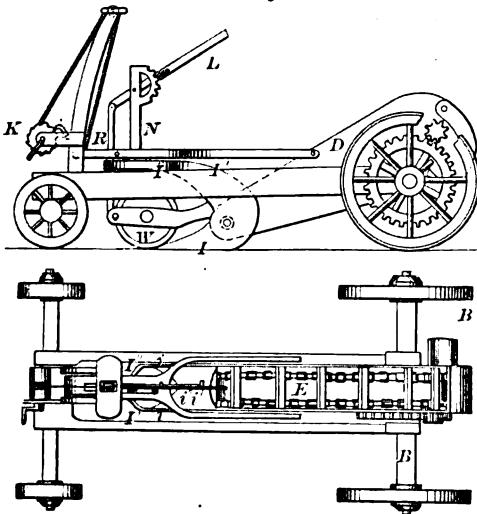
76782—P. H. Lawler—Shingle Machine.



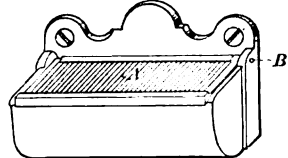
76784—J. W. Lull—Revolving Cylinder for Tanning Hides.



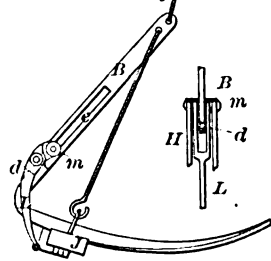
76788—J. Masters—Ditching Machine.



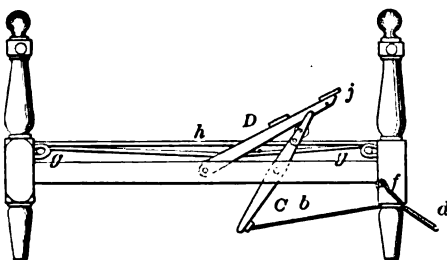
76786—A. Martin—Match Box.



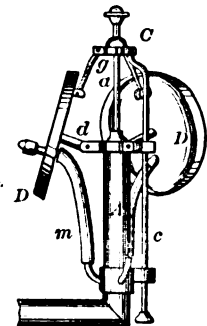
76787—Martini & Blocher—Horse Hay Fork.



76785—J. S. Mabbett—Bed Bottom.

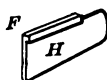
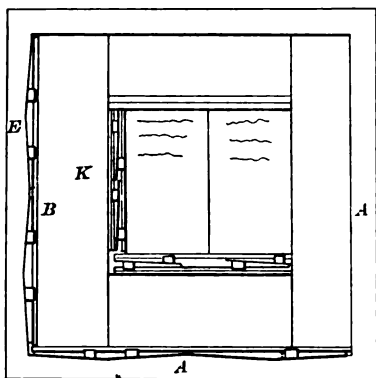


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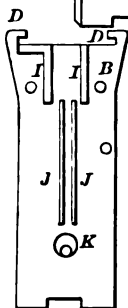
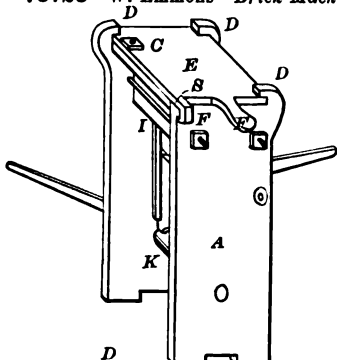
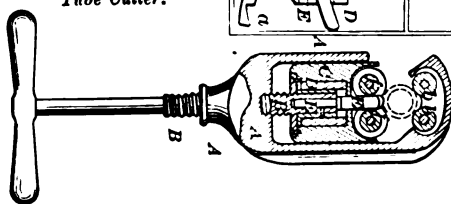




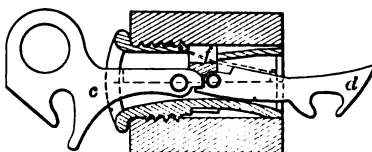
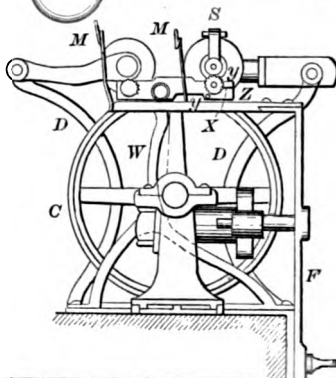
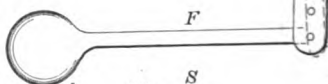
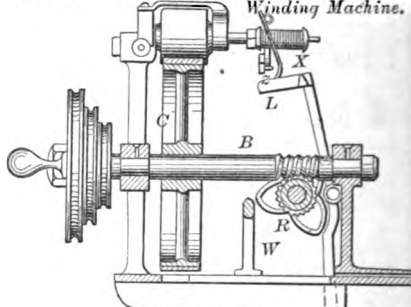
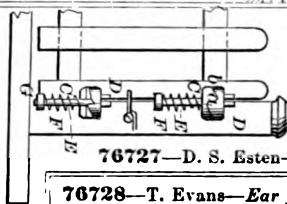
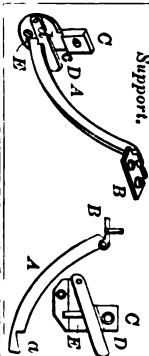
76722—R. Dick—Printers' Chase.



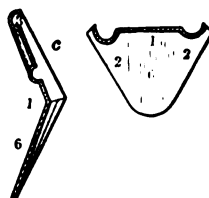
76726—W. Emmons—Brick Machine.

76729—J. De Galleford—  
Tube Cutter.

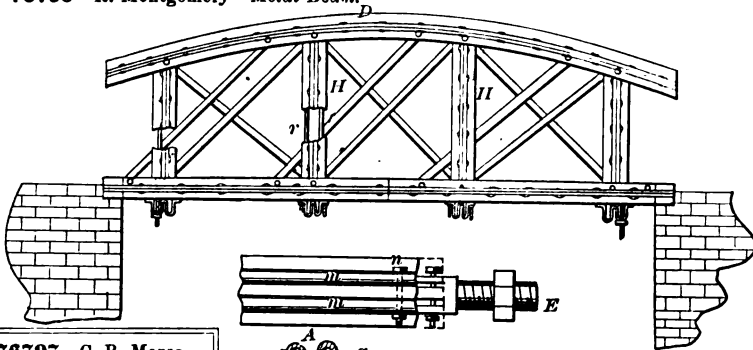
76723—B. Doe—Shutter Fastening.

76724—F. C. & T. Ehrenberg—Thread  
Winding Machine.76725—S. Ehrman—Table Leaf  
Support.

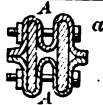
76727—D. S. Esten—Hinge.

76728—T. Evans—Ear for Kettle  
Bails.

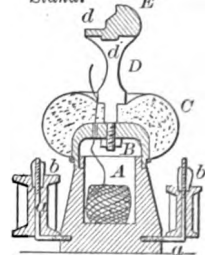
76795—R. Montgomery—*Metal Beam.*



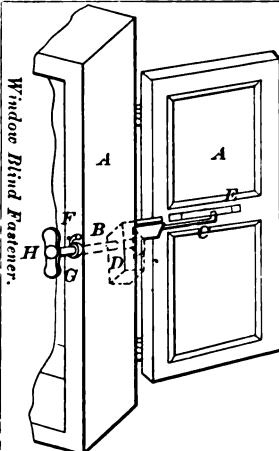
76797—C. B. Morse—*Making Rings for Ring Spinning.*



76796—I. Morris—*Work Stand.*

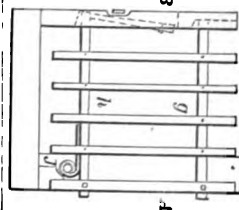
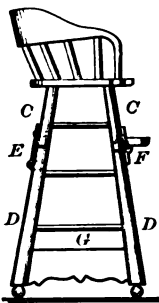


76799—D. B. & C. C. Mosher—



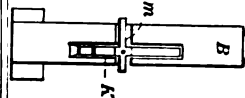
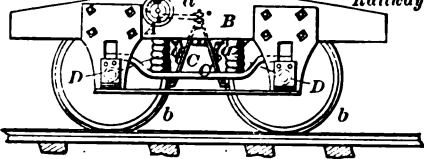
Window Blind Fastener.

76801—J. Nichols—*Chair.*

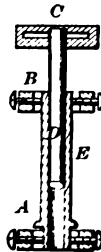
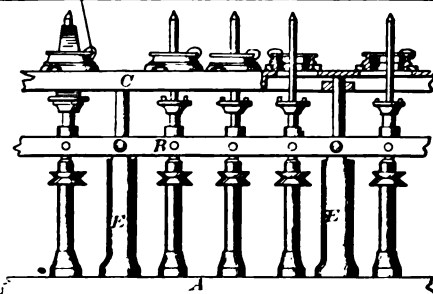
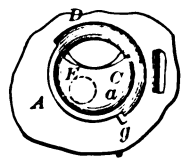
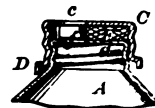


76800—E. M. Naramore—*Gate.*

76803—L. E. Osborn—*Indicator for Springing Railway Axles.*

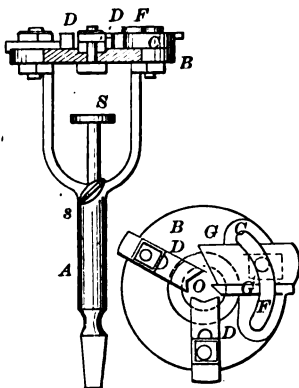


76802—J. H. Noyes—*Oil Can Cap.*

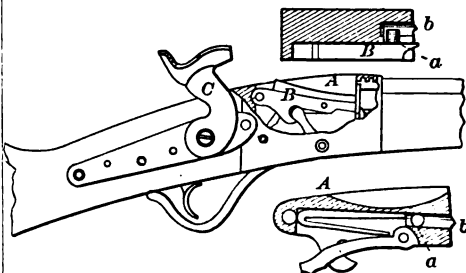


76798—C. B. Morse—*Spinning Frame.*

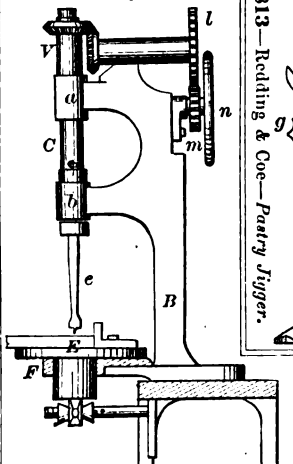
76804—J. L. Parker—Hollow Auger.



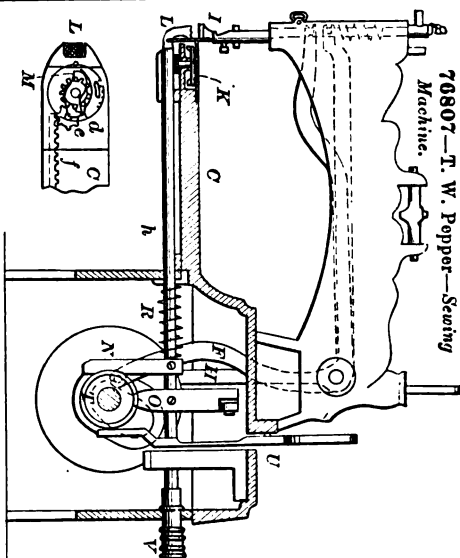
76805—H. O. Peabody—Fire Arm.



76808—G. B. Phillips—Mortising Machine.

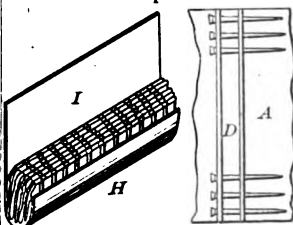


76813—Hedding &amp; Coe—Pastry Jigger.

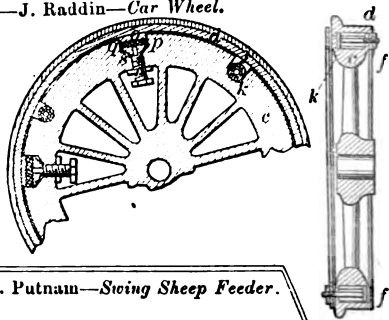


76807—T. W. Popper—Sewing Machine.

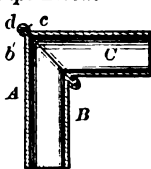
76809—T. Piper—Pin Book.



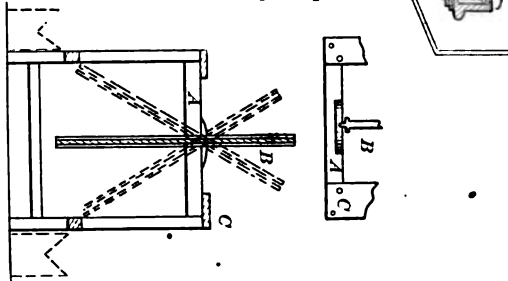
76811—J. Raddin—Car Wheel.

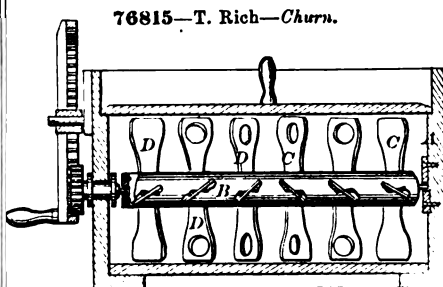


76812—C. Recht—Store Pipe Elbow.

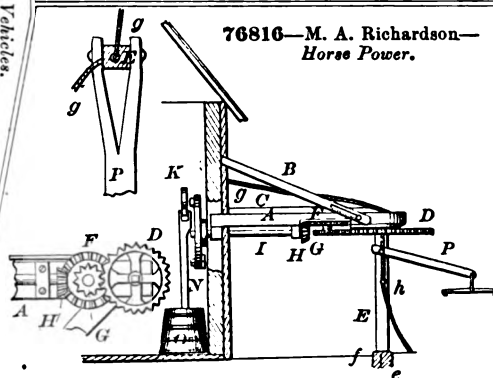


76810—A. Putnam—Swing Sheep Feeder.

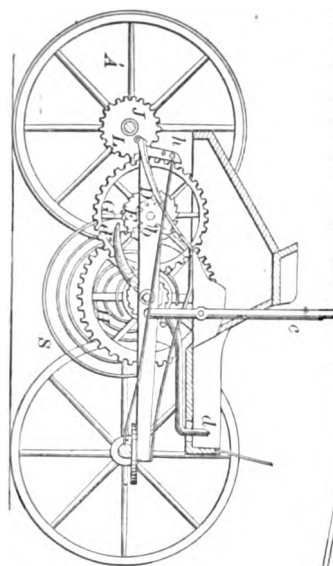




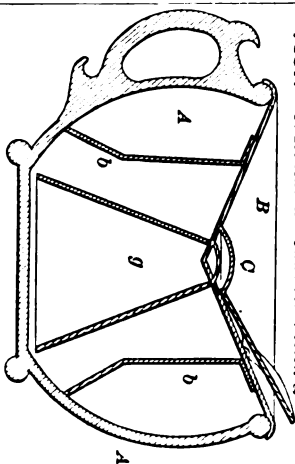
76815—T. Rich—Churn.



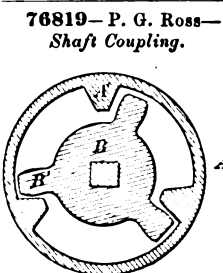
76816—M. A. Richardson—Horse Power.



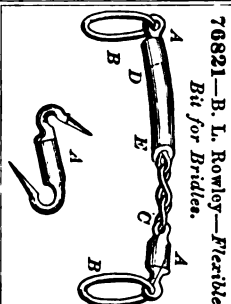
76814—T. Rhoads—Propelling Vehicles.



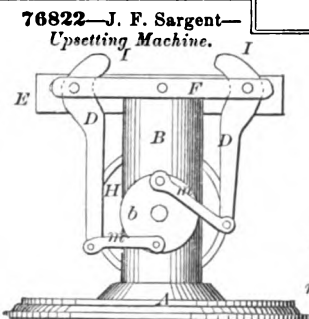
76817—C. Robinson—Chamber Vessel.



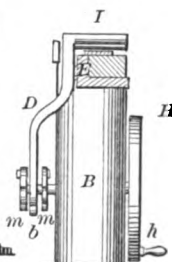
76819—P. G. Ross—Shaft Coupling.



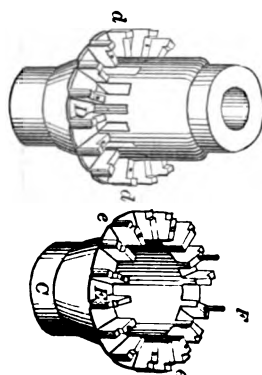
76821—B. L. Rowley—Flexible Bit for Bridles.



76822—J. F. Sargent—Upsetting Machine.

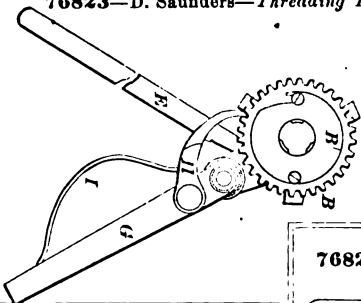


76820—J. G. Roth—Nutmeg Grater.

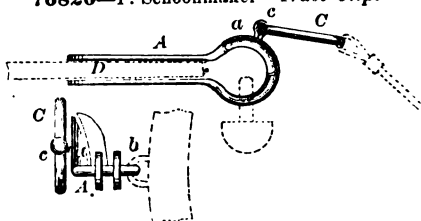


76818—W. H. Rodenbaver—Wagon Wheel Hub.

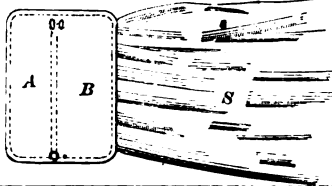
76823—D. Saunders—Threading Tube.



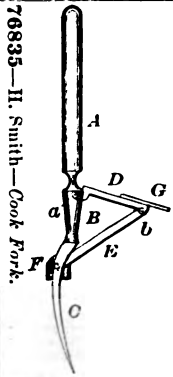
76826—P. Schoonmaker—Trace Clip.



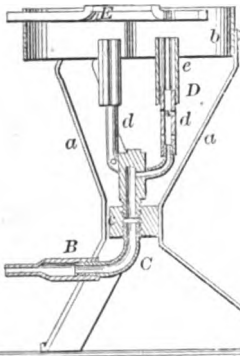
76829—S. H. Scribner—Shirt Wristband.



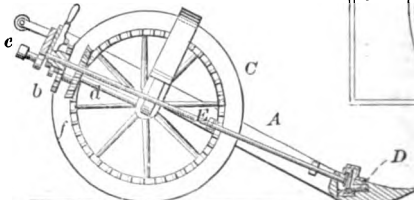
76835—H. Smith—Cook Fork.



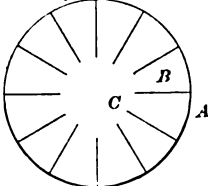
76828—P. Schryer—Gas Heater.



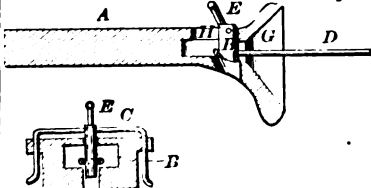
76831—S. W. Sears—Lawn Mower.



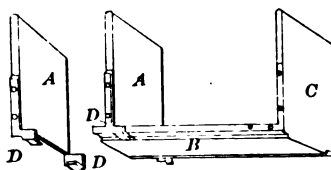
76830—H. D. Seudder—Paper Box.



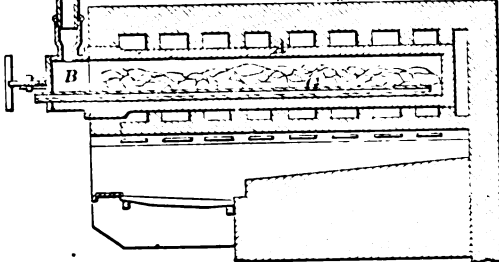
76833—D. V. B. Smart—Car Coupling.



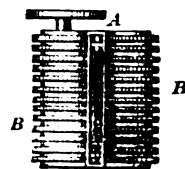
76834—Smith &amp; Cheever—Paper File.



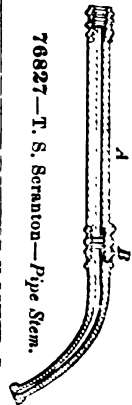
76837—Somerville &amp; Elsdon—Manufacture of Illuminating Gas.



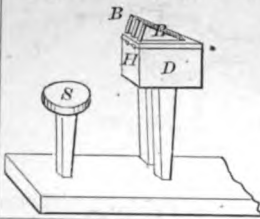
76836—J. H. Smith—Lamp.



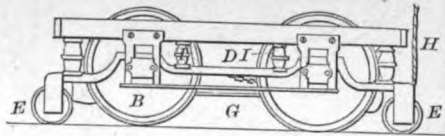
76827—T. S. Seranton—Pipe Stem.



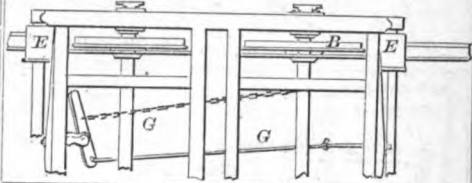
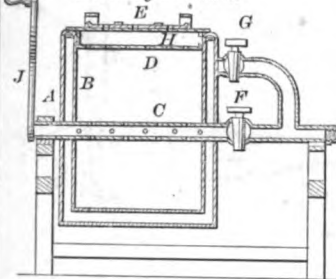
76839—E. I. Stearns—School Desk.



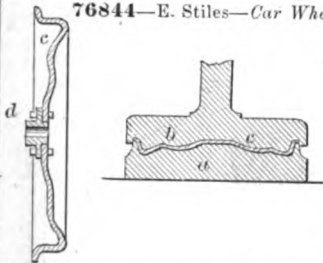
76842—E. Stiles—Car Truck.



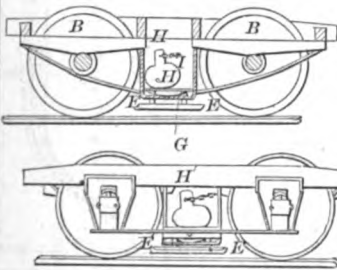
76840—H. B. Steele—For  
Cleansing Feathers.



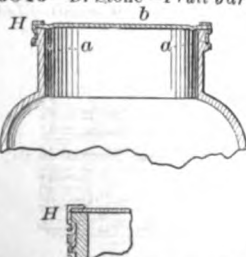
76844—E. Stiles—Car Wheel.



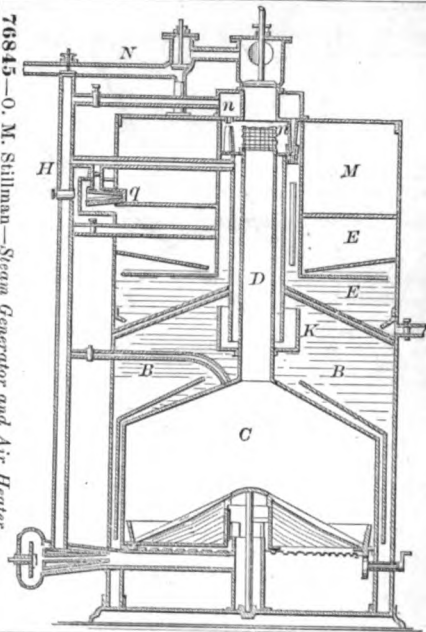
76843—E. Stiles—Car Brake.



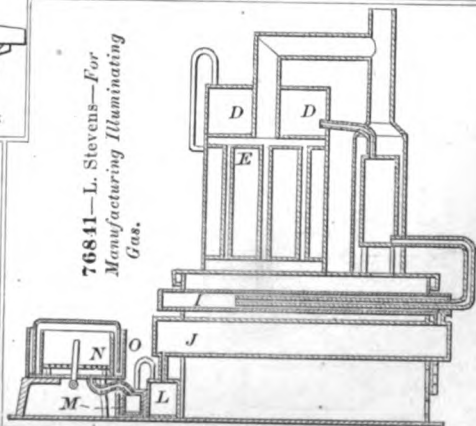
76846—D. Stone—Fruit Jar.



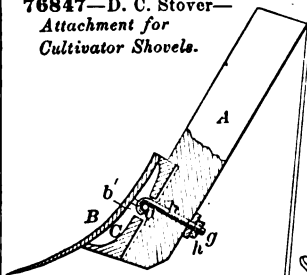
76845—O. M. Stillman—Steam Generator and Air Heater.



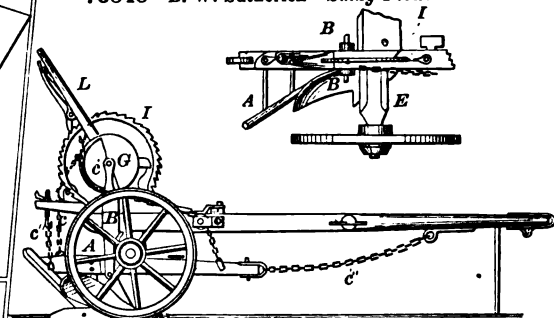
76841—L. Stevens—For  
Manufacturing Illuminating  
Gas.



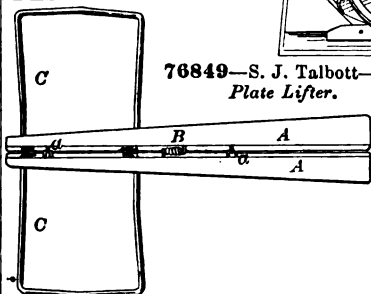
**76847**—D. C. Stover—  
Attachment for  
Cultivator Shovels.



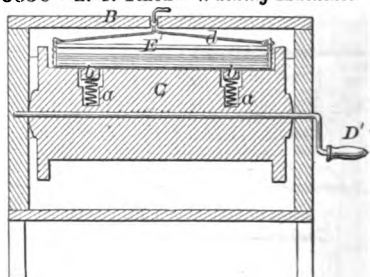
**76848**—B. W. Sutherlen—*Sulky Plow.*



**76849**—S. J. Talbott—  
Plate Lifter.



**76850**—E. T. Tinch—*Washing Machine.*



**76851**—D. J. Tittle—*For Raking  
Potatoes.*

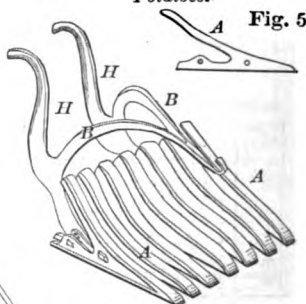
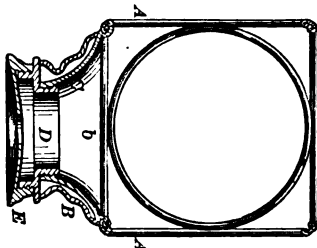
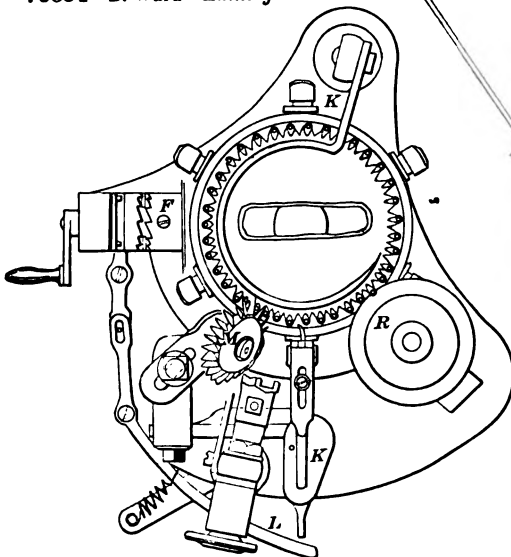


Fig. 5

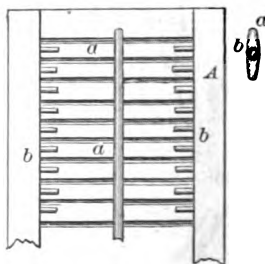
**76852**—C. F. Waldron—  
Vehicle Lamp.



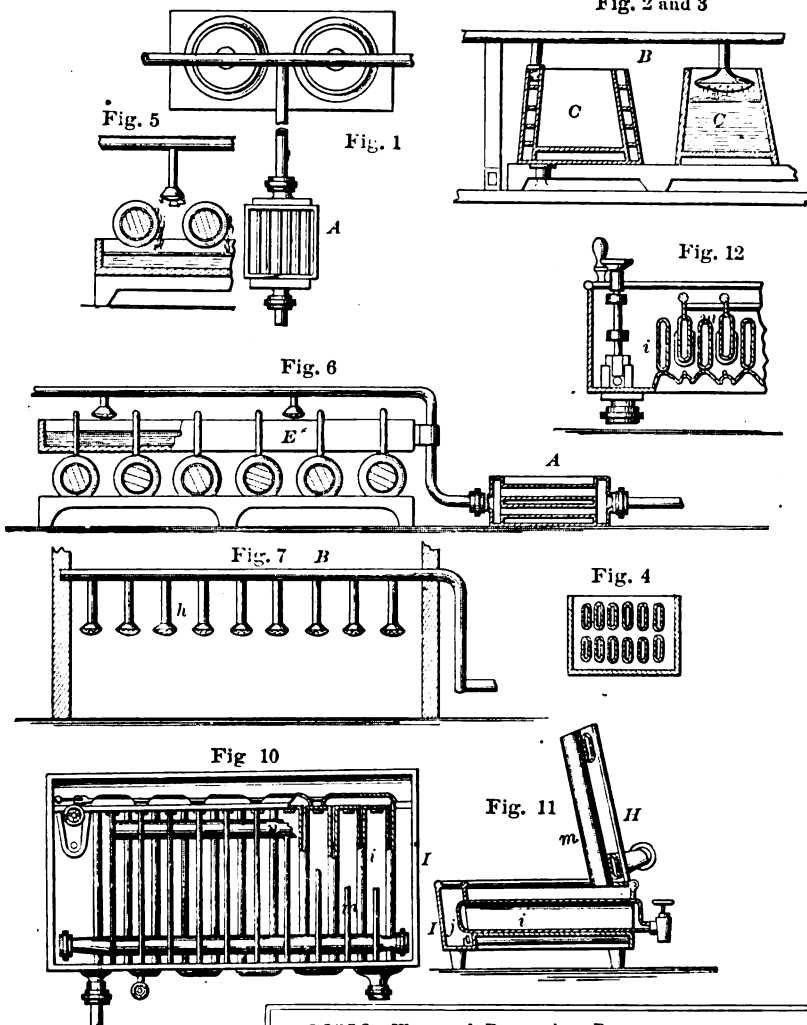
**76854**—B. Ward—*Knitting Machine.*



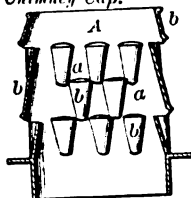
**76855**—C. H. Warner—  
Window Blind.



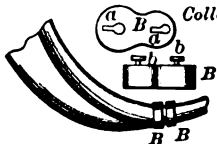
76853—A. B. Walker—For Brewing, Malting, &c.



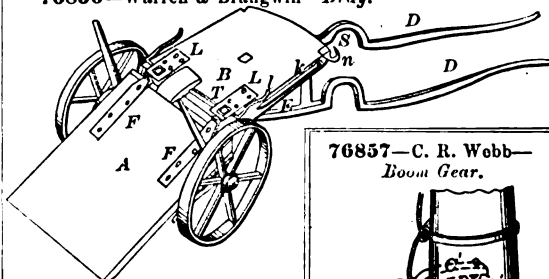
76859—H. J. Weed—  
Chimney Cap.



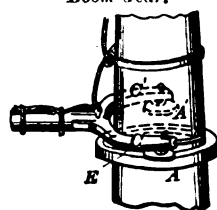
76858—E. Webber—Horse  
Collar.



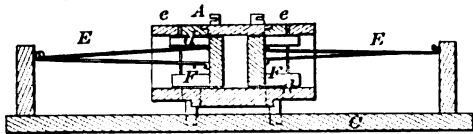
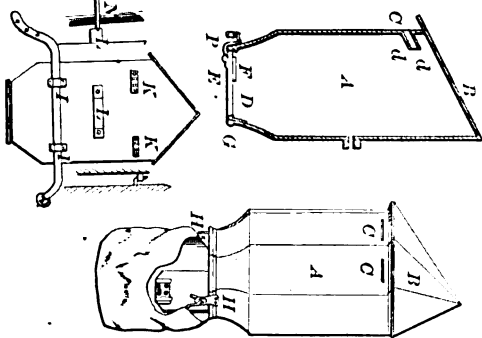
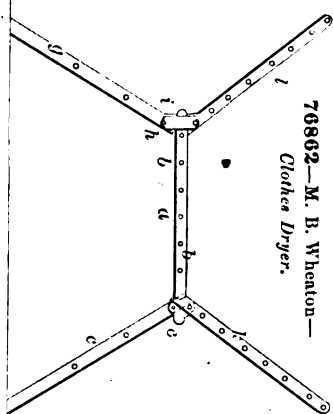
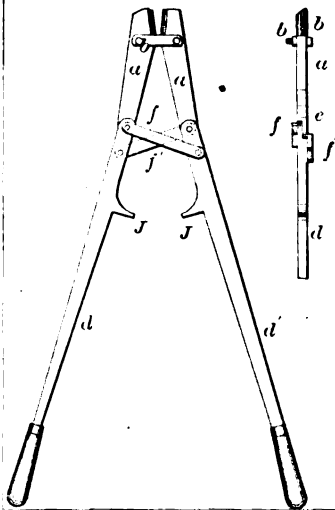
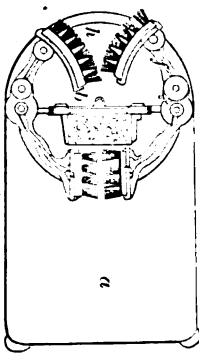
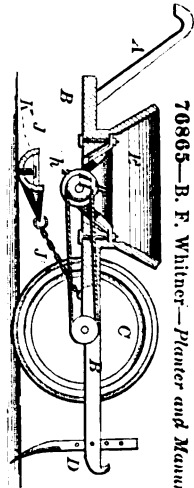
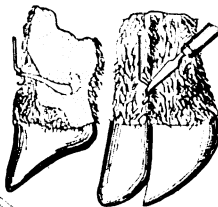
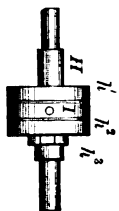
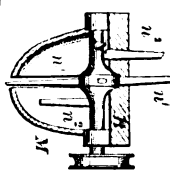
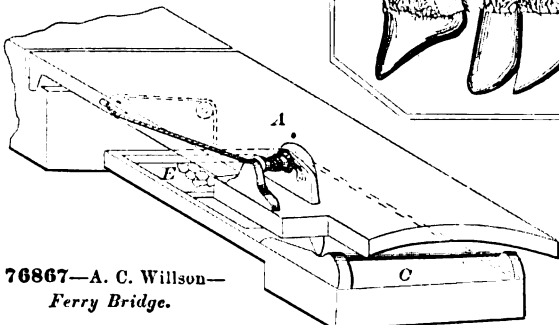
76856—Warren & Brangwin—Dray.

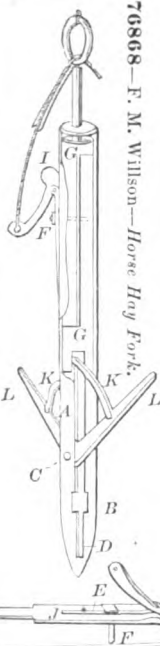


76857—C. R. Webb—  
Boom Gear.





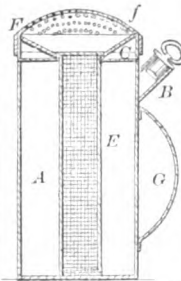
**76860—J. Wentz—Cotton Press.****76864—D. & G. H. White—Street Letter Box.****76863—A. B. White—Bolt Trimmer.****76862—M. B. Whenton—Clothes Dryer.****76860—W. L. Williams—Foot Scraper.****76861—D. M. Weston—Belt Stud.****76869—G. Wilson—Treatment of Foot Rot.****76865—B. F. Whitner—Planter and Manure Distributor.****76867—A. C. Willson—Ferry Bridge.**



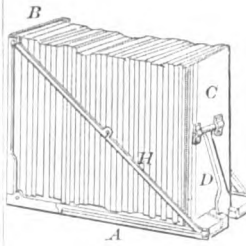
76868—F. M. Wilson—Horse Hay Fork.



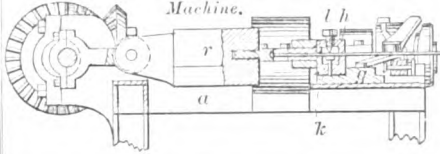
76870—W. V. Wilson—Clothes Sprinkler.



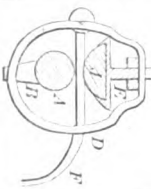
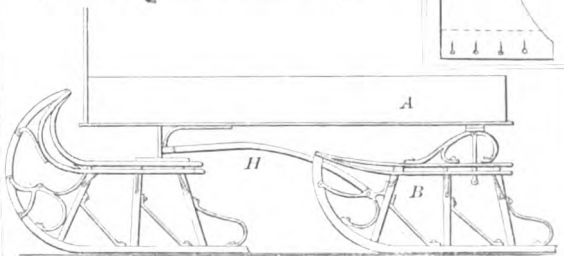
76872—Woodruff & Green—Paper File.



76873—G. Worstenholm—Bolt and Rivet Machine.

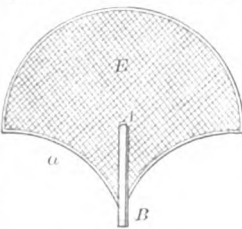


76877—Armstrong & Weller—Sleigh.

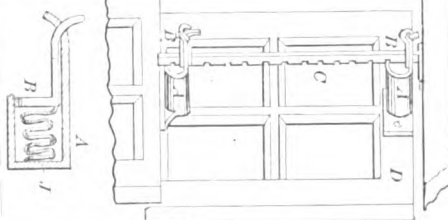


76874—G. M. Zell—Harnes.

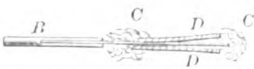
76875—S. Ainsworth—Fan.



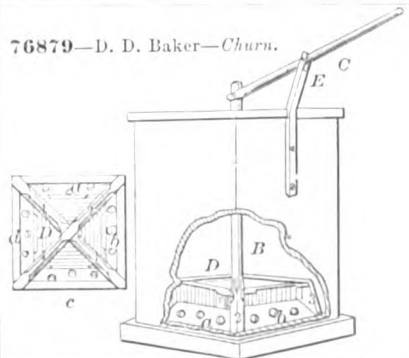
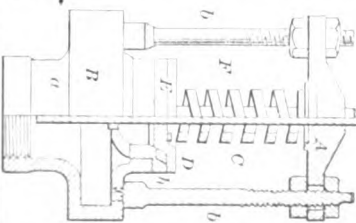
76876—E. Andrews—Window Sash Holder.



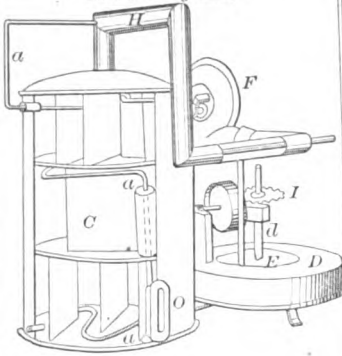
76879—D. D. Baker—Churn.



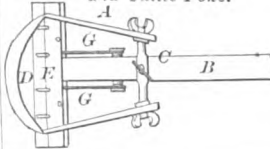
76878—E. H. Ashcroft—Steam Safety Valve.



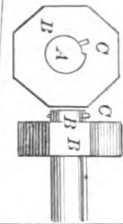
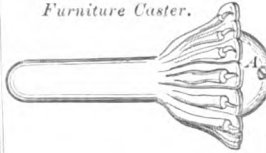
**76880**—J. F. Barker—*For Carburetting Air.*



**76881**—Bell & Fulmer—*Horse and Cattle Poke.*

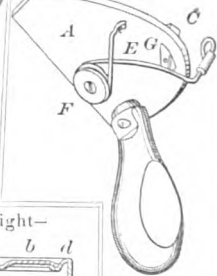


**76885**—J. Brown—*Furniture Caster.*

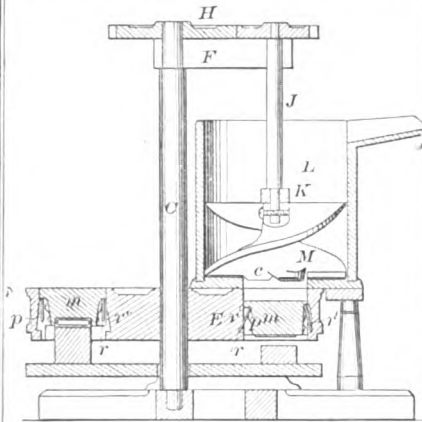


**76884**—W. Brodhead—*Carpenter's Gauge.*

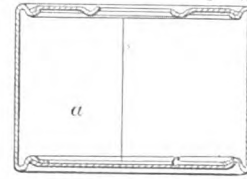
**76886**—O. B. Brown—*Toy Boomerang Pistol.*



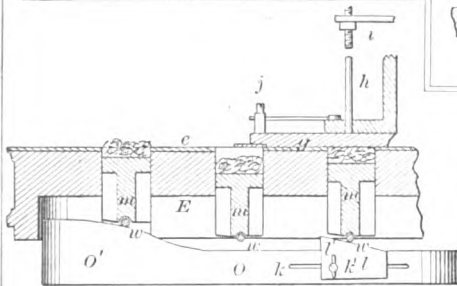
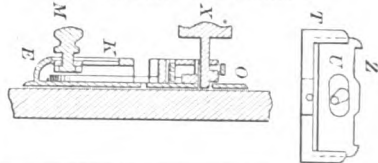
**76888**—E. P. H. Capron—*Brick Machine.*



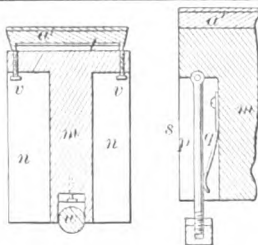
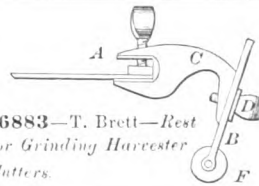
**76890**—J. Cartwright—*Sheet Metal Can.*



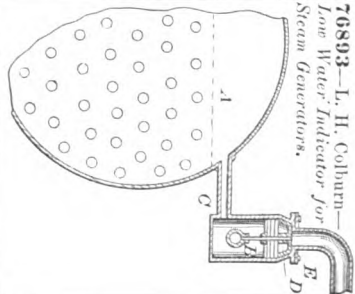
**76891**—O. Cate—*Sash Fastener.*



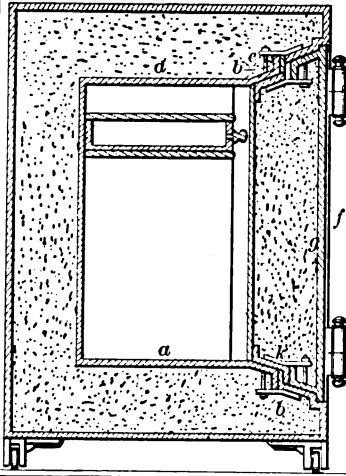
**76883**—T. Brett—*Rest for Grinding Harvester Cutters.*



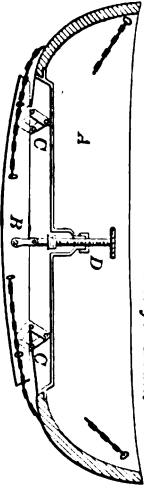
**76893**—L. H. Colburn—*Low Water Indicator for Steam Generators.*



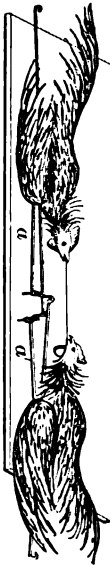
76898—J. Farrel—Fireproof Safe.



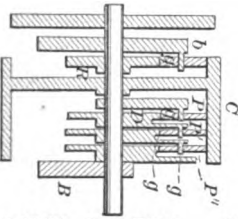
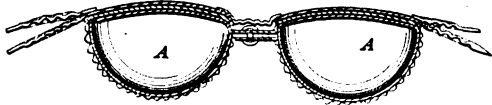
76896—H. A. Dirkes—Ballast Keel for Boat.



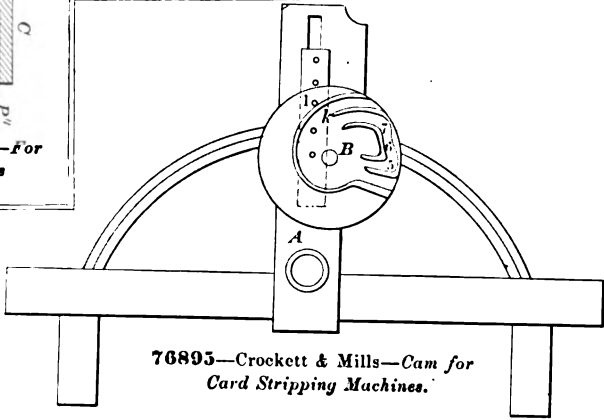
76892—D. Cheekent—Toy.



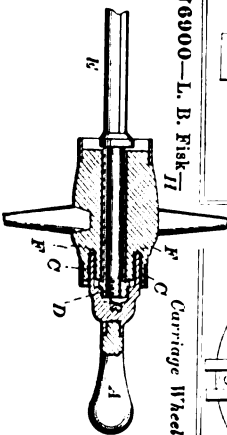
76894—J. C. Cook—Bonum Pad.



76901—L. S. Fithian—For Multiplying Revolutions around an Axis.

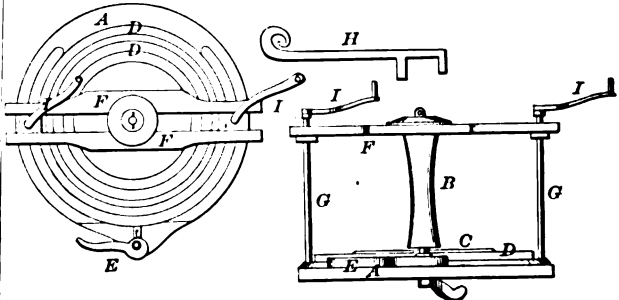


76895—Crockett & Mills—Cam for Card Stripping Machines.

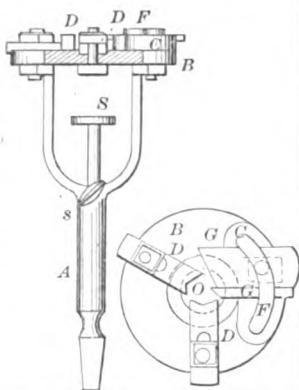


76900—L. B. Fish—Carriage Wheel Wrench.

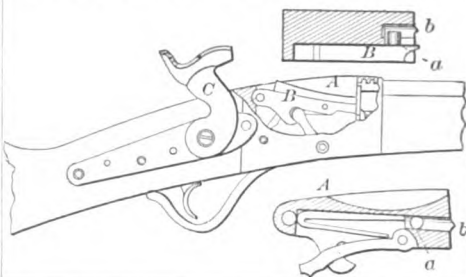
76899—G. Feightner—For Forming Fifth Wheel.



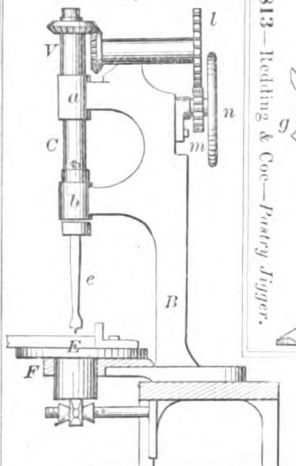
76804—J. L. Parker—Hollow Auger.



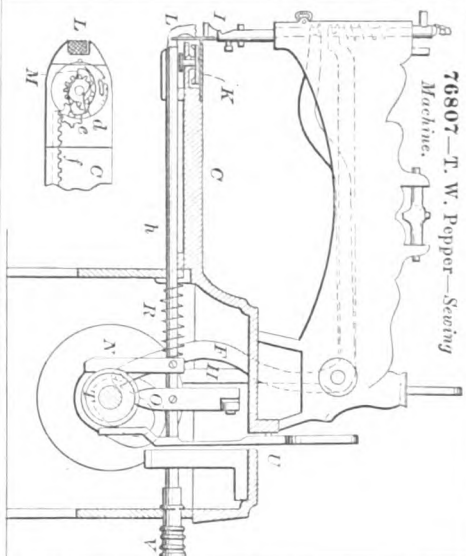
76805—H. O. Peabody—Fire Arm.



76808—G. B. Phillips—Mortising Machine.

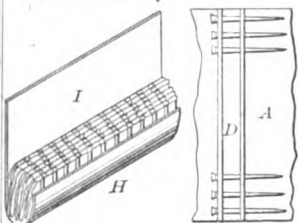


76813—Redding &amp; Coe—Poetry Tigger.

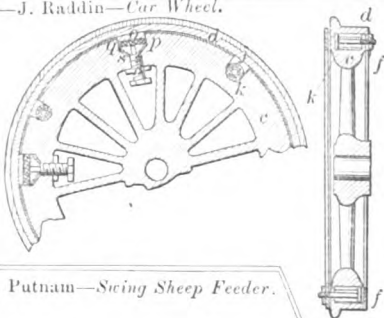


76807—T. W. Pepper—Sewing Machine.

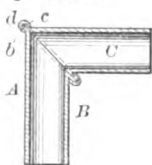
76809—T. Piper—Pin Book.



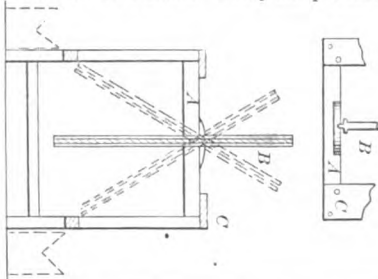
76811—J. Raddin—Car Wheel.

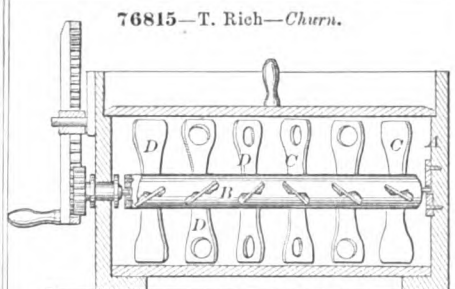


76812—C. Recht—Store Pipe Elbow.

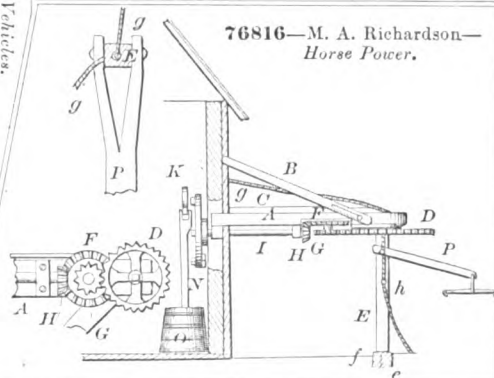


76810—A. Putnam—Swing Sheep Feeder.





76815—T. Rich—Churn.

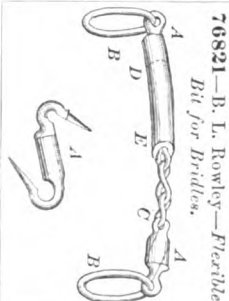
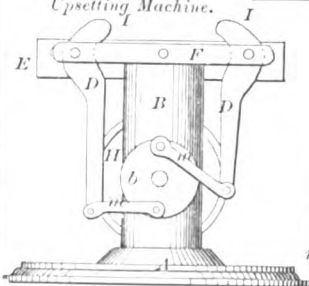


76816—M. A. Richardson—  
Horse Power.

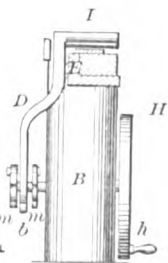
76819—P. G. Ross—  
Shaft Coupling.



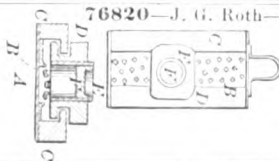
76822—J. F. Sargent—  
Upsetting Machine.



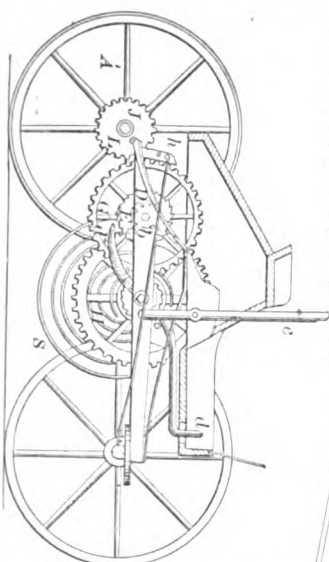
76821—B. L. Rowley—Flexible  
Bit for Bridles.



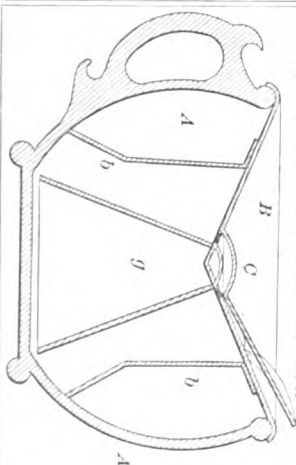
76820—J. G. Roth—Nutmeg Grater.



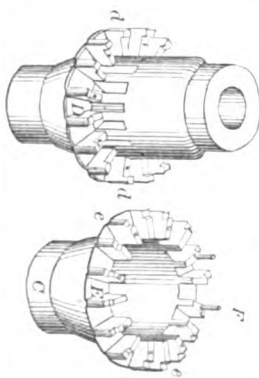
76814—T. Rhoads—Propelling Vehicles.



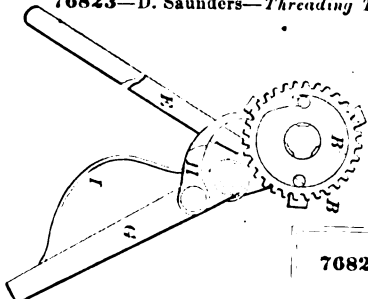
76817—C. Robinson—Chamber Vessel, &c.



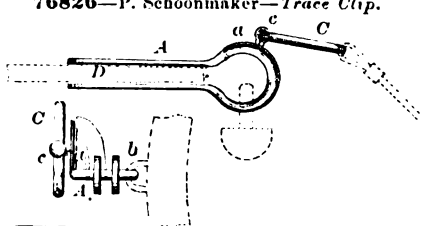
76818—W. H. Rodchaver—Wagon  
Wheel Hub.



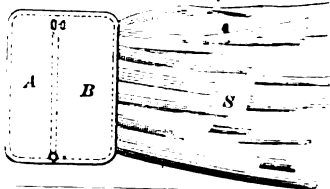
76823—D. Saunders—Threading Tube.



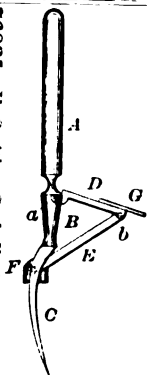
76826—P. Schoonmaker—Trace Clip.



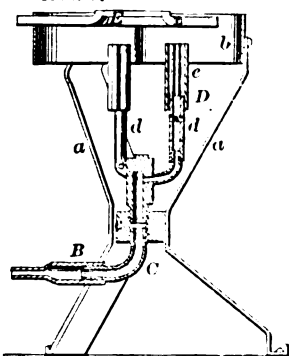
76829—S. H. Scribner—Shirt Wristband.



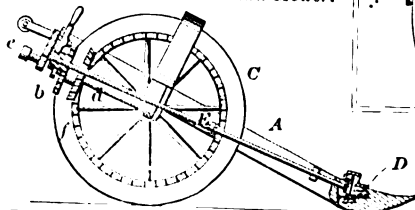
76835—H. Smith—Cook Fork.



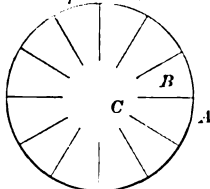
76828—P. Schryer—Gas Heater.



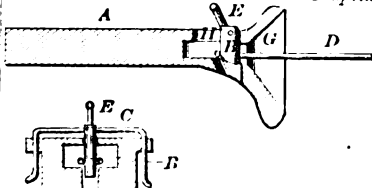
76831—S. W. Sears—Lawn Mower.



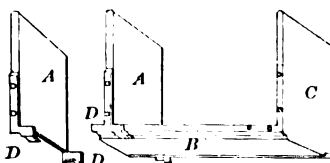
76830—H. D. Seudder—Paper Box.



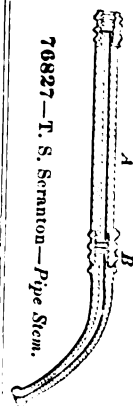
76833—D. V. B. Smart—Car Coupling.



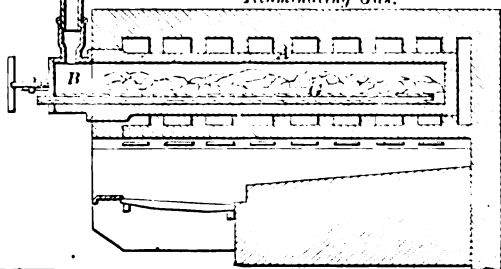
76834—Smith &amp; Cheever—Paper File.



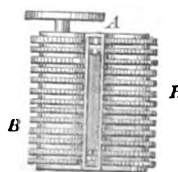
76827—T. S. Scranton—Pipe Stem.



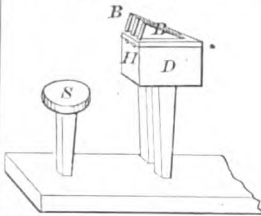
76837—Somerville &amp; Elsdon—Manufacture of Illuminating Gas.



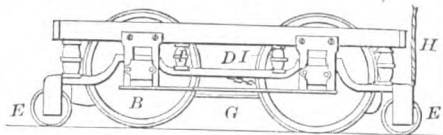
76836—J. H. Smith—Lamp.



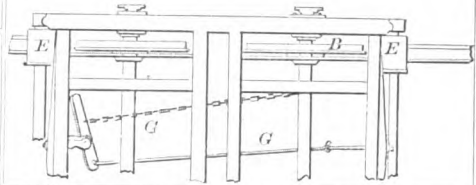
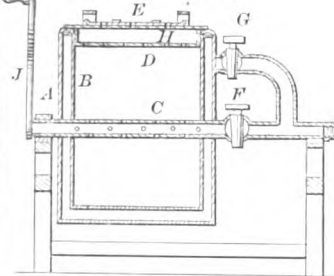
76839—E. I. Stearns—School Desk.



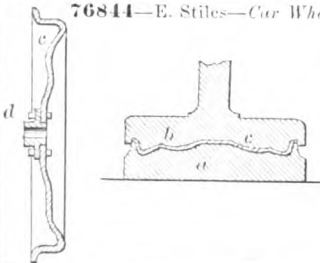
76842—E. Stiles—Car Truck.



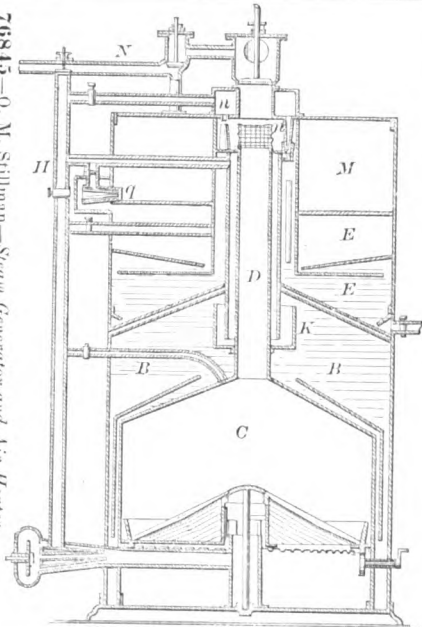
76840—H. B. Steele—For  
Cleansing Feathers.



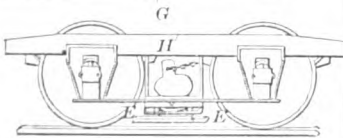
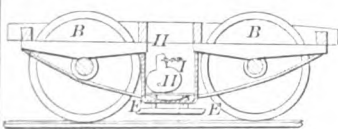
76844—E. Stiles—Car Wheel.



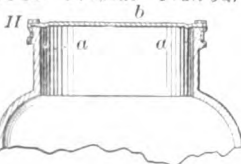
76845—O. M. Stillman—Steam Generator and Air Heater.



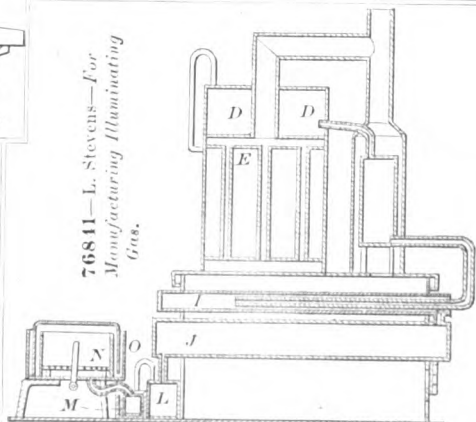
76843—E. Stiles—Car Brake.



76846—D. Stone—Fruit Jar.

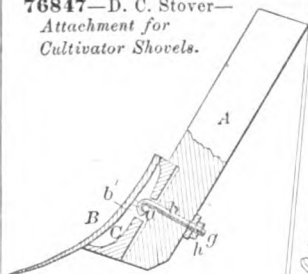


76841—L. Stevens—For  
Manufacturing Illuminating  
Gas.

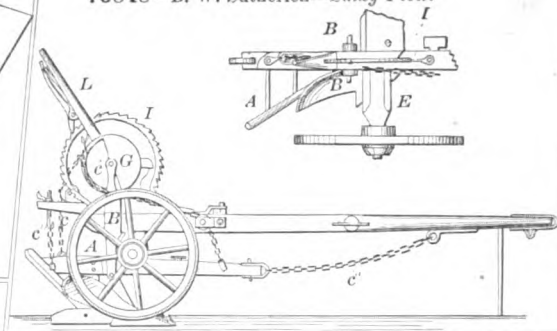




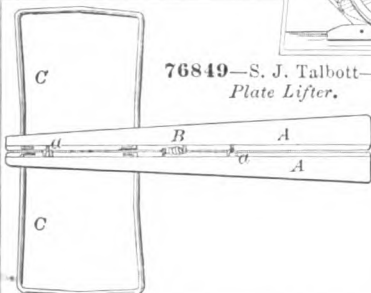
**76847**—D. C. Stover—  
*Attachment for  
Cultivator Shovels.*



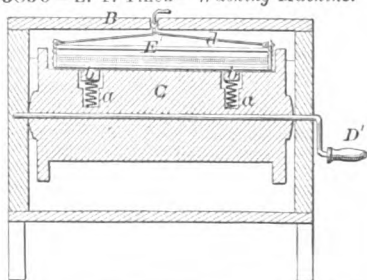
76848—B. W. Sutherlen—*Sulky Plow.*



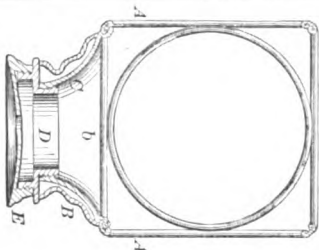
**76849**—S. J. Talbott—  
*Plate Lifter.*



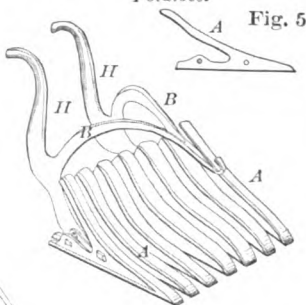
76850—E. T. Tinch—*Washing Machine.*



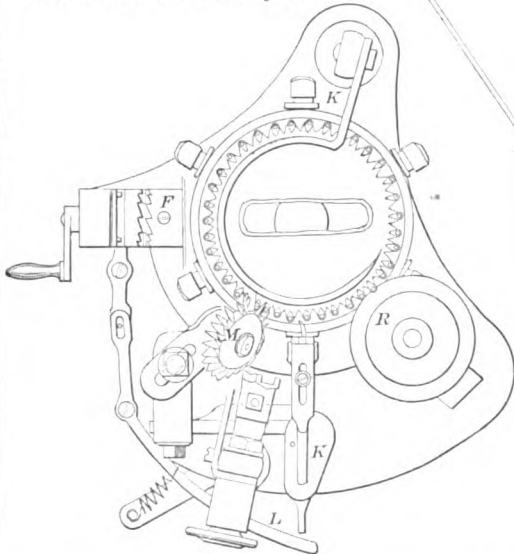
**76852—C. F. Waldron—**  
*Vehicle Lamp.*



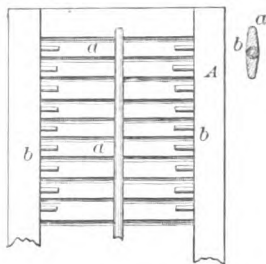
76851—D. J. Tittle—*For Raking Potatoes.*



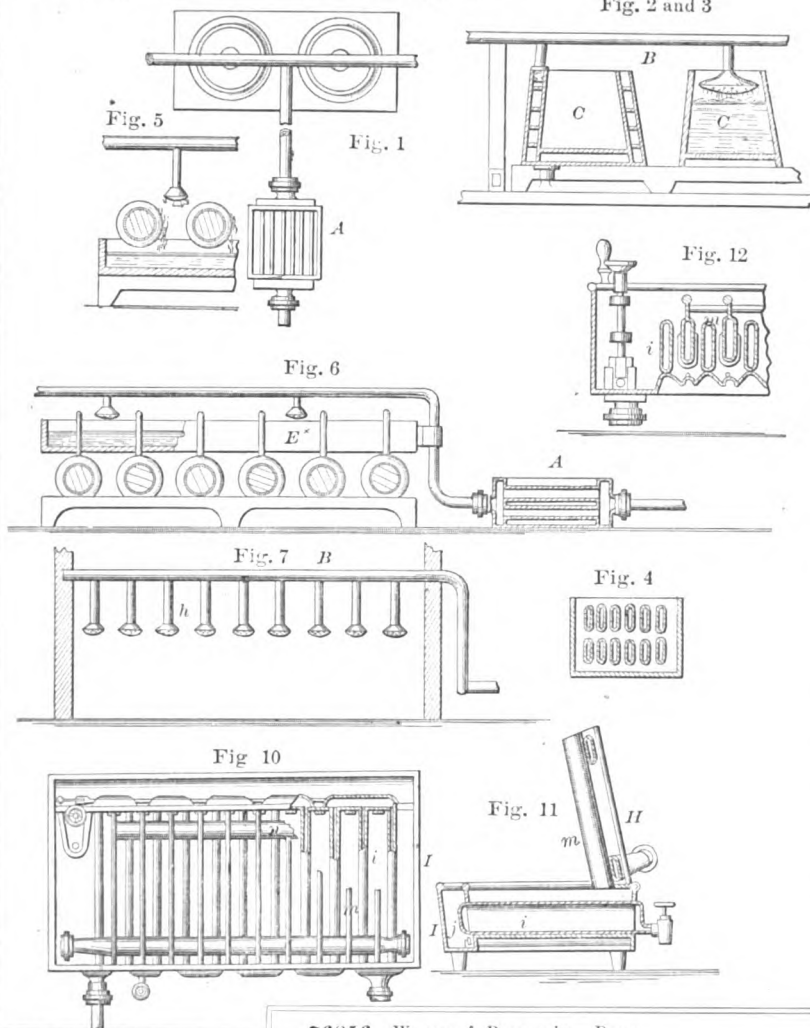
**76854**—B. Ward—*Knitting Machine.*



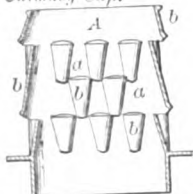
76855—C. H. Warner—  
*Window Blind.*



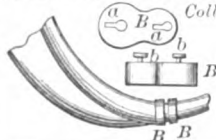
76853—A. B. Walker—For Brewing, Malting, &c.



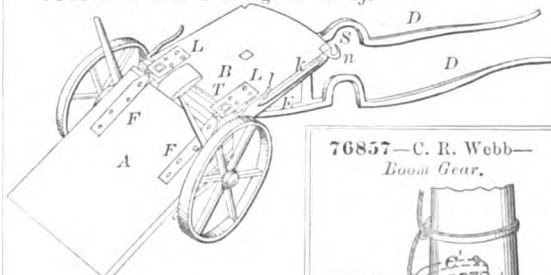
76859—H. J. Weed—  
Chimney Cap.



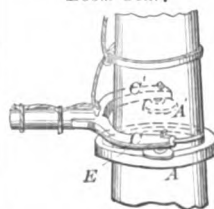
76858—E. Webber—Horse  
Collar.

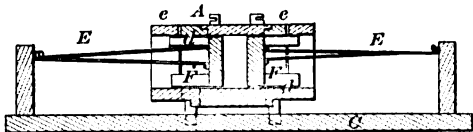
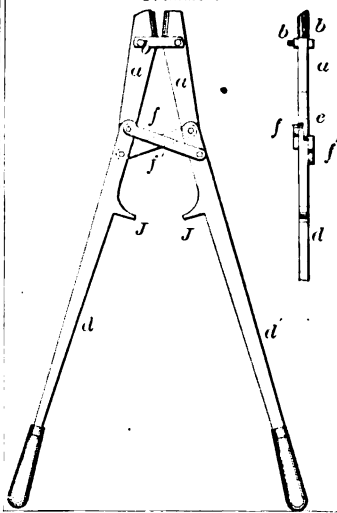
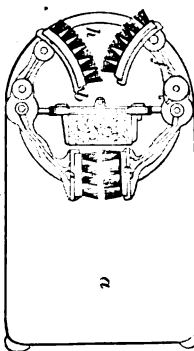
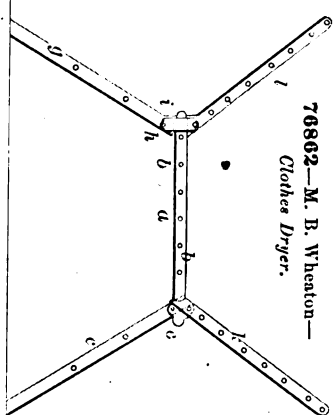
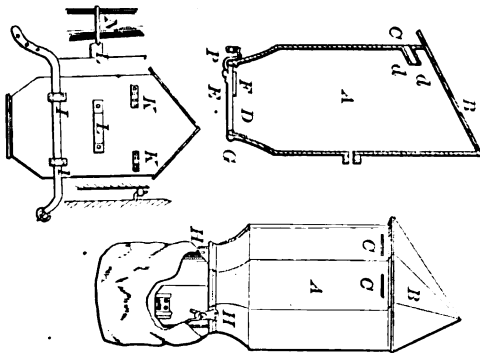
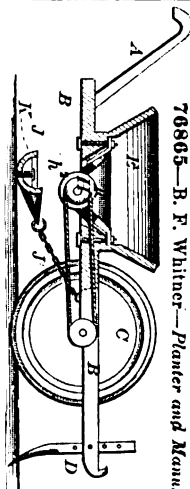
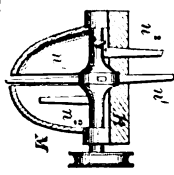
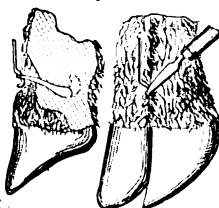
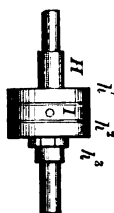
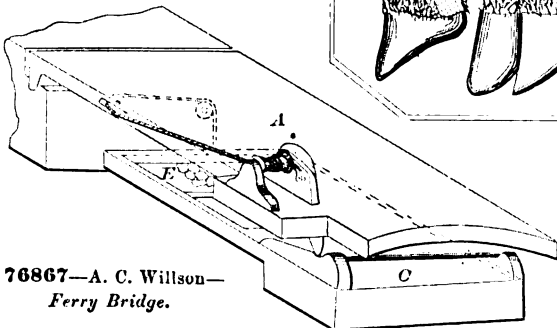


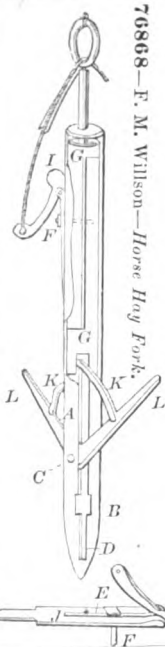
76856—Warren & Brangwin—Dray.



76857—C. R. Webb—  
Boom Gear.



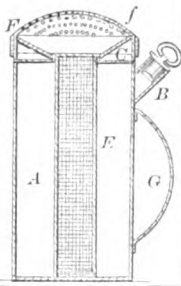
**76860—J. Wentz—Cotton Press.****76863—A. B. White—Bolt Trimmer.****76864—D. & G. H. White—Street Letter Box.****76866—W. L. Williams—Foot Scraper.****76865—B. F. Whitner—Planter and Manure Distributor.****76861—D. M. Weston—Belt Stud.****76869—G. Wilson—Treatment of Foot Rot.****76867—A. C. Willson—Ferry Bridge.**



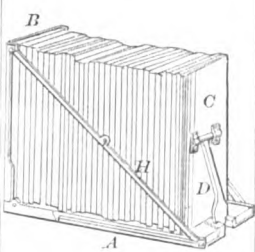
76868—F. M. Wilson—Horse Hay Fork.



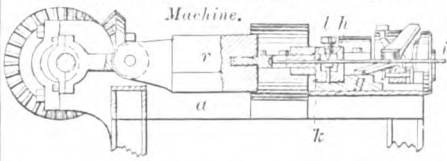
76870—W. V. Wilson—Clothes Sprinkler.



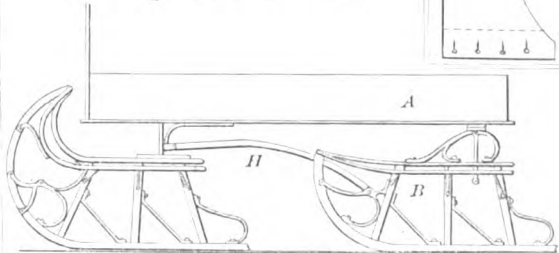
76872—Woodruff & Green—Paper File.



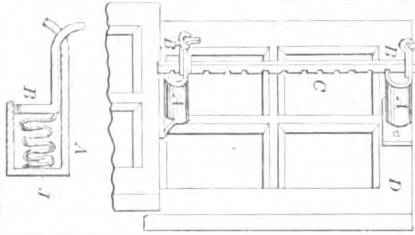
76873—G. Worstenholm—Bolt and Rivet Machine.



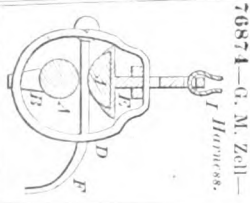
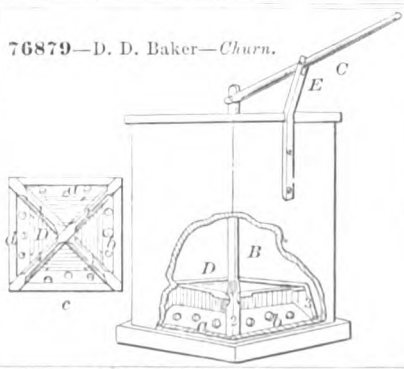
76877—Armstrong & Weller—Sleigh.



76876—E. Andrews—Window Sash Holder.

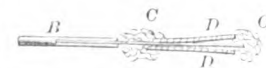
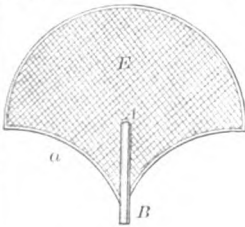


76879—D. D. Baker—Churn.

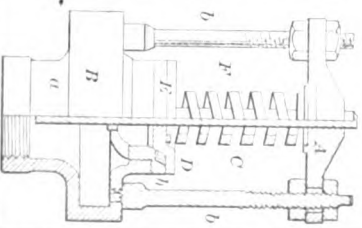


76874—G. M. Zell—Fan.

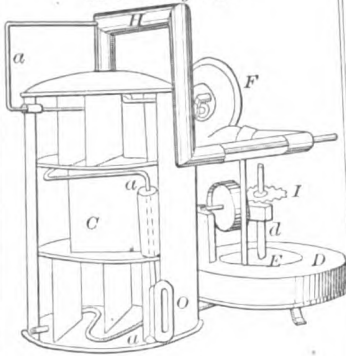
76875—S. Ainsworth—Fan.



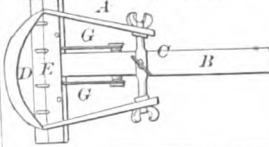
76878—E. H. Ashcroft—Steam Safety Valve.



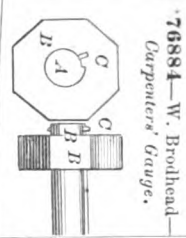
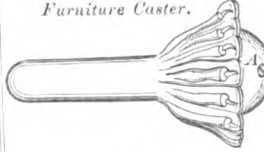
**76880**—J. F. Barker—*For Carburetting Air.*



**76881**—Bell & Fulmer—*Horse and Cattle Poke.*

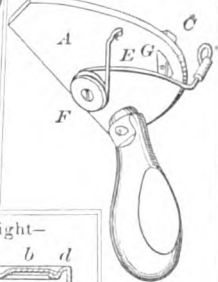


**76885**—J. Brown—*Furniture Caster.*

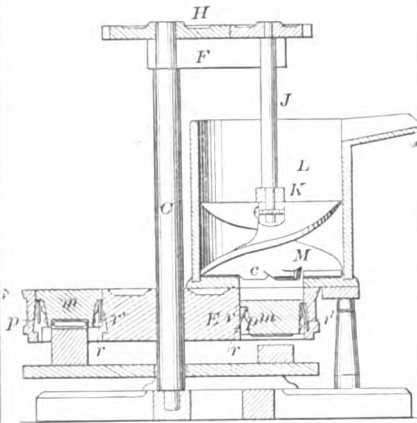


**76884**—W. Brodhead—*Carpenters' Gauge.*

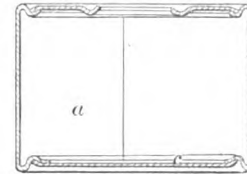
**76886**—O. E. Brown—*Toy Boomerang Pistol.*



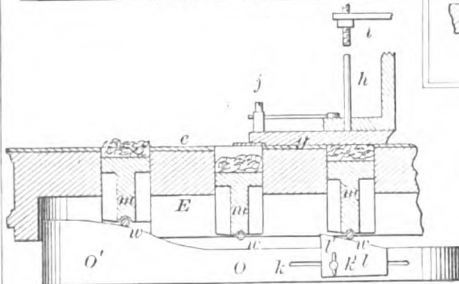
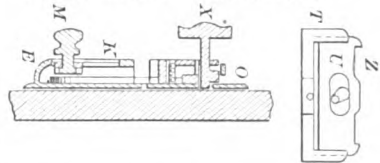
**76888**—E. P. H. Capron—*Brick Machine.*



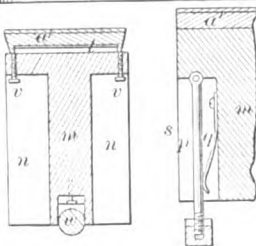
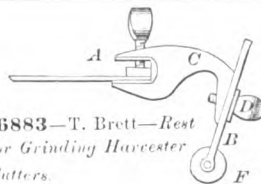
**76890**—J. Cartwright—*Sheet Metal Can.*



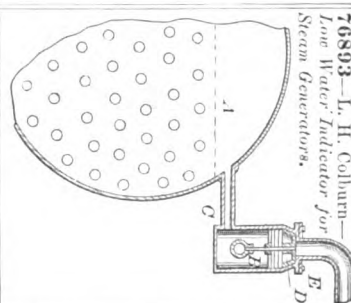
**76891**—O. Cate—*Sash Fastener.*



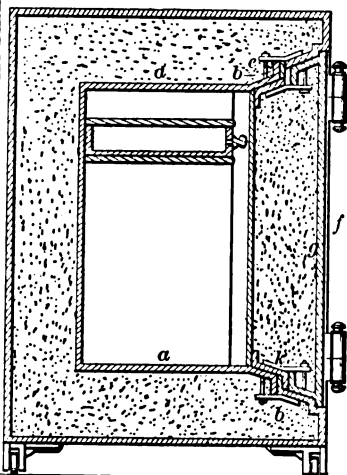
**76883**—T. Brett—*Rest for Grinding Harvester Cutters.*



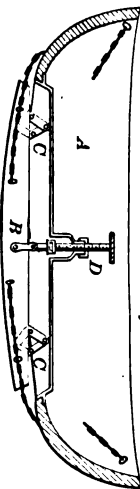
**76893**—L. H. Colburn—*Low Water Indicator for Steam Generators.*



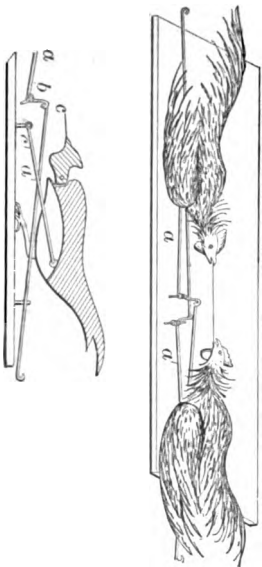
76898—J. Farrel—Fireproof Safe.



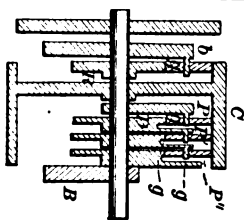
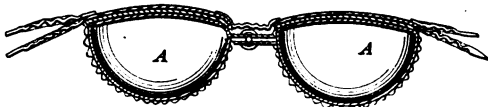
76896—H. A. Dirkes—Ballast Keel for Boats.



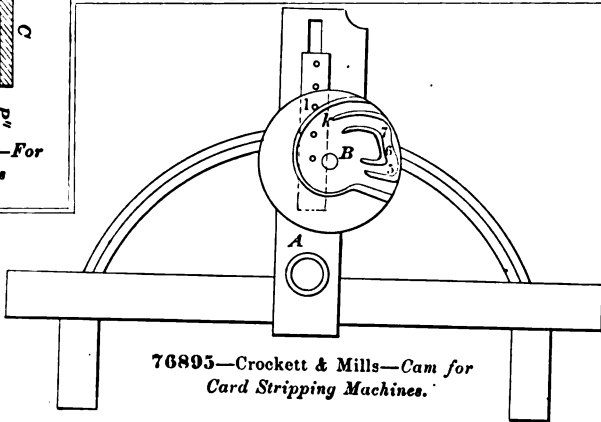
76892—D. Cheekeni—Toy.



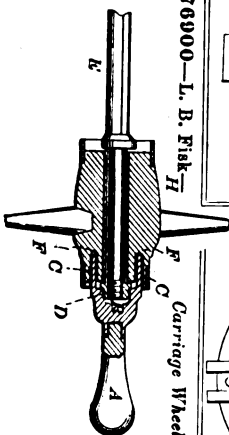
76894—J. C. Cook—Bosom Pad.



76901—L. S. Fithian—For Multiplying Revolutions around an Axis.

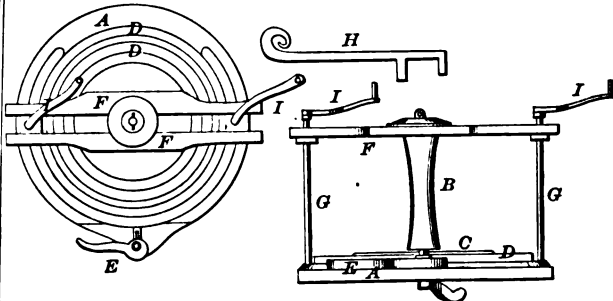


76895—Crockett & Mills—Cam for Card Stripping Machines.

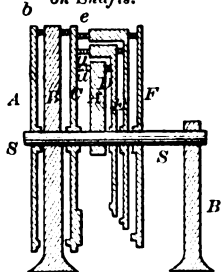


76900—L. B. Fisk—Carriage Wheel Wrench.

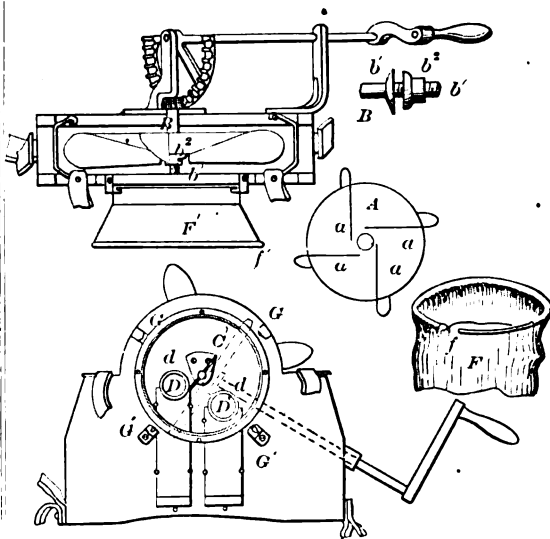
76899—G. Feightner—For Forming Fifth Wheel.



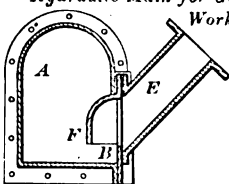
**76902**—L. S. Fithian—  
*For Multiplying Motion  
on Shafts.*



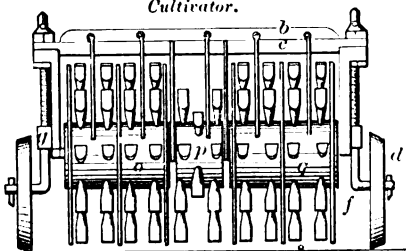
**76903**—F. G. & E. A. Floyd—*Broadcast Seed Sower.*



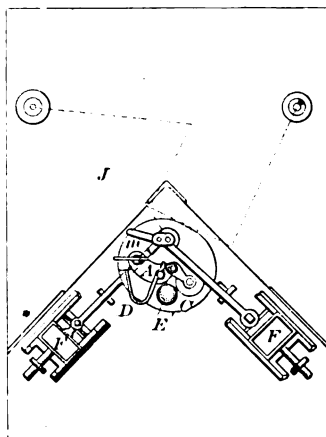
**76904**—Floyd & Sabbaton—  
*Hydraulic Main for Gas  
Works.*



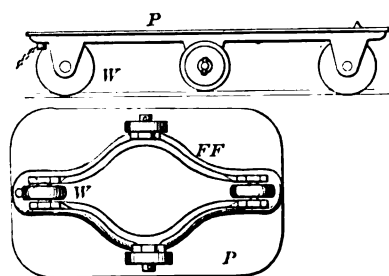
**76909**—M. Gordon—*Corn Stalk Cutter and  
Cultivator.*



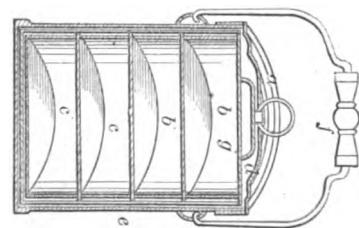
**76908**—W. W. Goodwin—*Dry Gas Meter.*



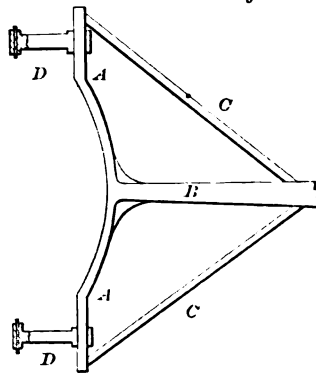
**76907**—J. Garsed—*Hand Truck.*



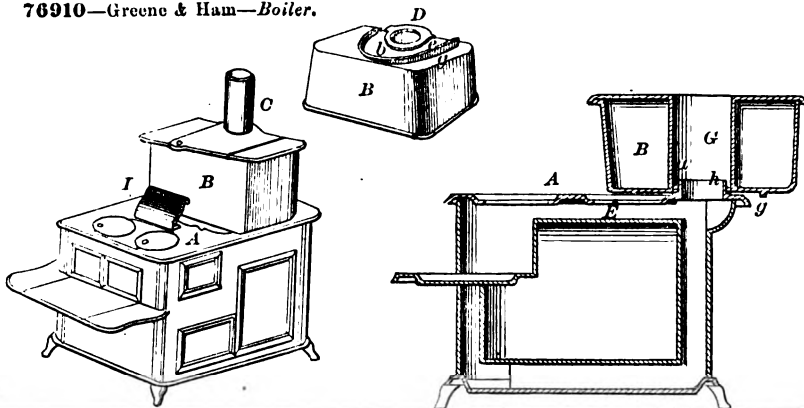
**76905**—J. H. Foote—*Dinner Pail.*



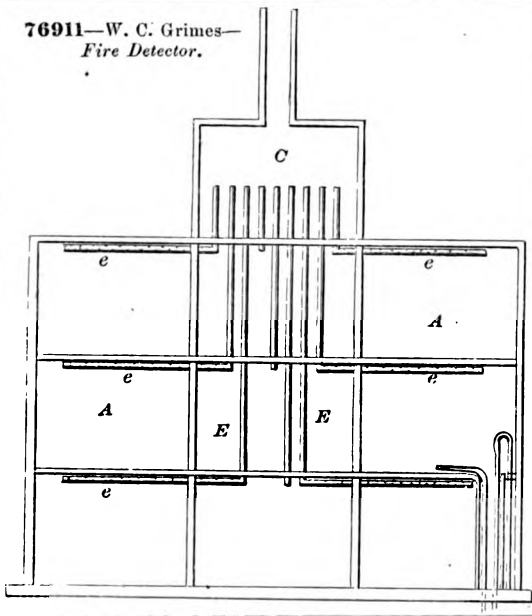
**76906**—F. Fowler—*Carriage Pole.*



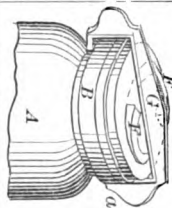
76910—Greene & Ham—Boiler.



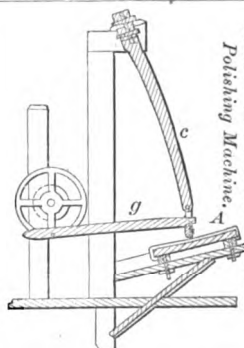
76911—W. C. Grimes—  
Fire Detector.



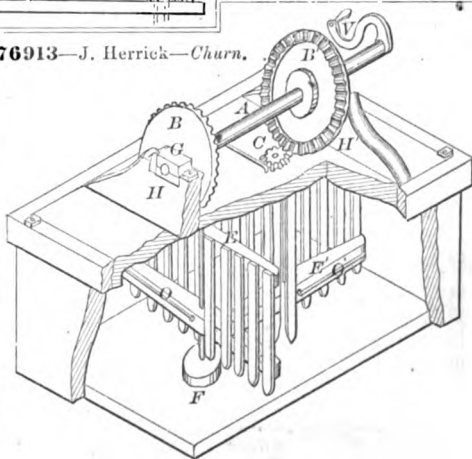
76915—  
A. J. H. Hilton—  
Fruit Jar and Clamp.



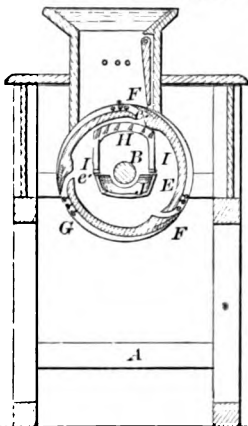
76914—J. W. Hildreth—Leather  
Polishing Machine.



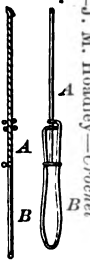
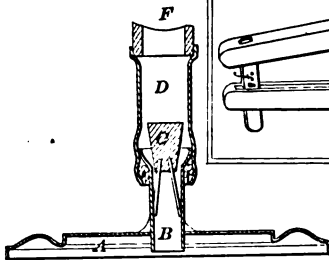
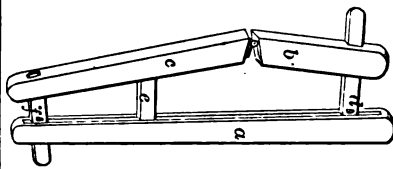
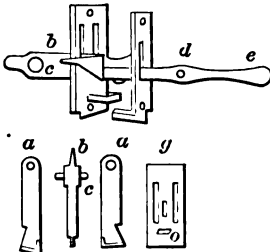
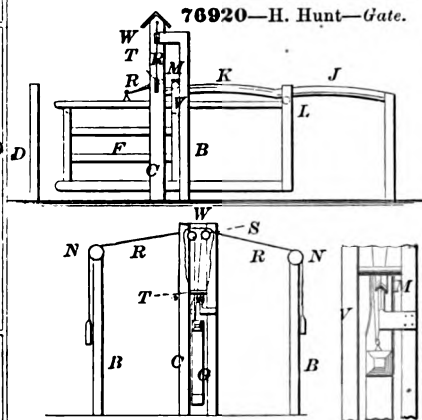
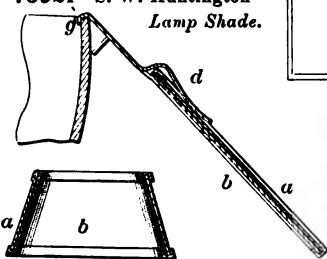
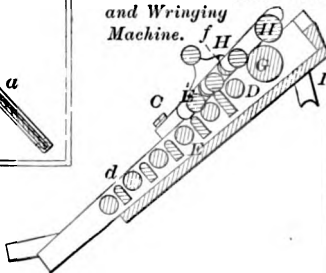
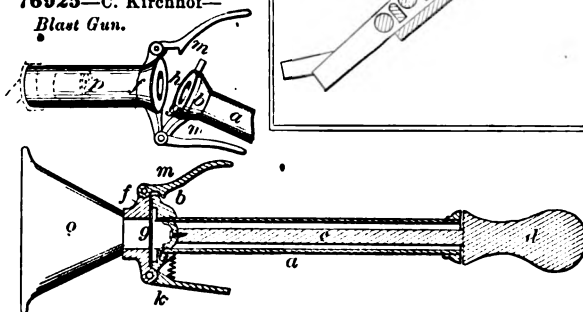
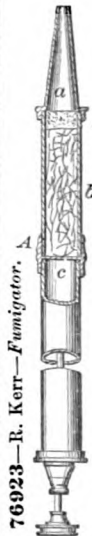
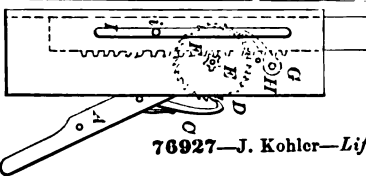
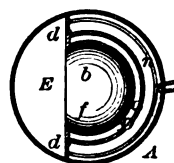
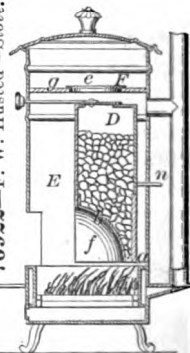
76913—J. Herrick—Churn.



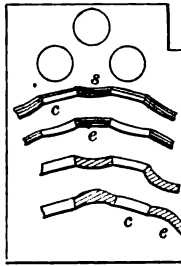
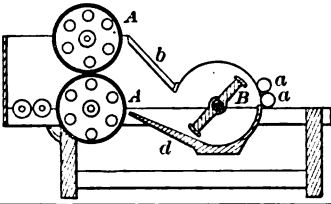
76912—J. & W. L. Heberling—Root Cutter.



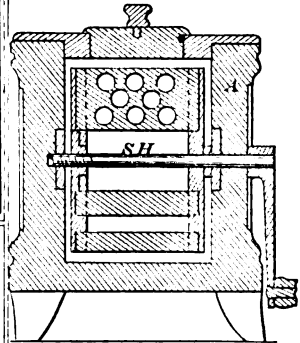


76916—J. M. Hoadley—*Crochet Needle.*76917—L. E. Holden—*Fruit Can.*76919—J. H. Hulse—*Frame for Stretching Pants.*76918—G. B. Howland—*Gate Latch.*76920—H. Hunt—*Gate.*76921—S. W. Huntington—*Lamp Shade.*76924—G. W. Kintz—*Washing and Wringing Machine.*76925—C. Kirchhof—*Blast Gun.*76927—J. Kohler—*Lifting Jack.*76922—F. W. Husted—*Stove.*

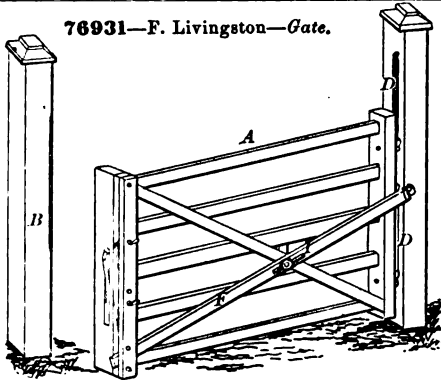
**76926**—R. Kitson—Screen  
Cylinder for Cotton Pickers.



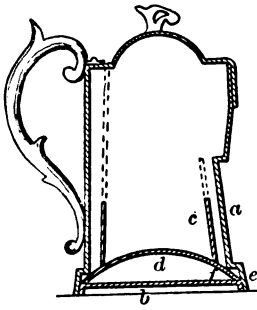
**76928**—J. Liebhaber—Churn.



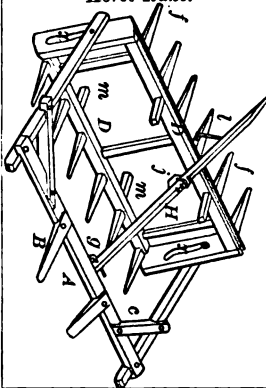
**76931**—F. Livingston—Gate.



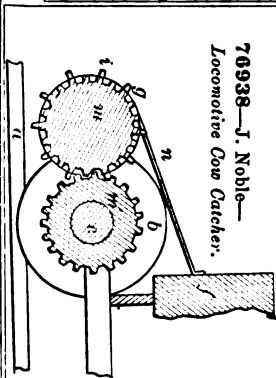
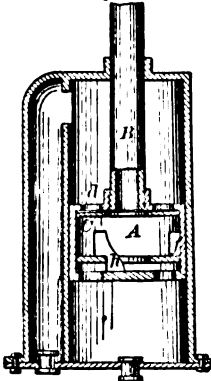
**76934**—F. J. Miller—  
Ice Pitcher.



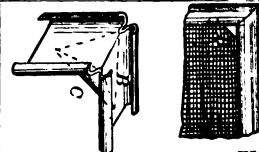
**76932**—S. P. Mccay—  
Horse Rake.



**76933**—F. P. Michel—  
Pump Piston.

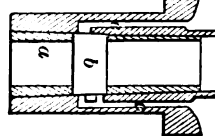


**76938**—J. Noble—  
Locomotive Cow Catcher.

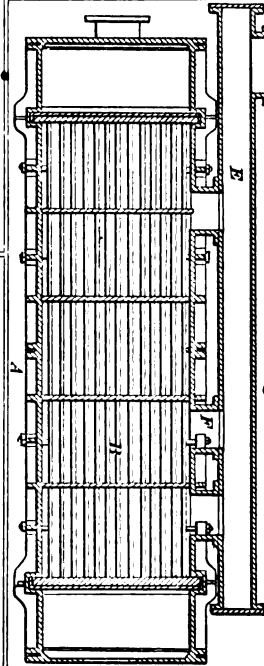


**76930**—C. F. Linscott—Window  
Screen Frame.

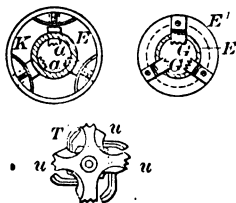
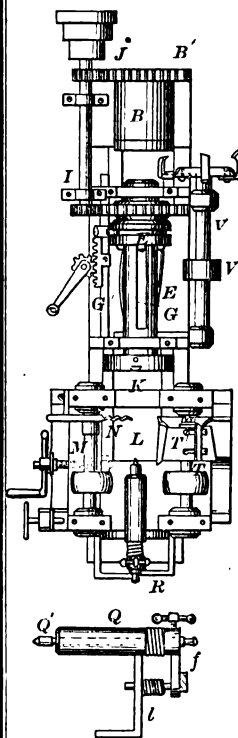
**76937**—G. H. Noble—Bolster.



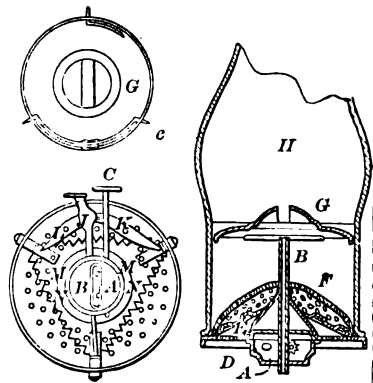
**76929**—W. A. Lighthall—Condenser.



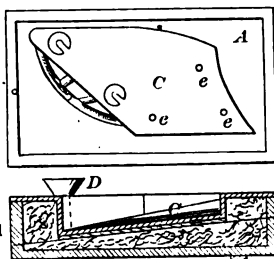
76936—J. H. Murrill—For Cutting Bungs.



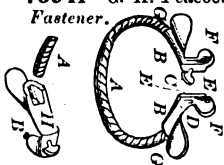
76945—F. S. Robinson—Lamp Burner.



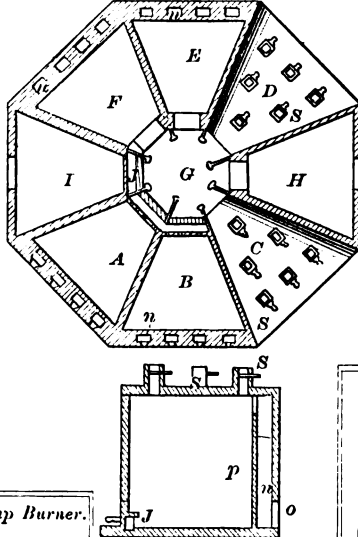
76939—J. Oliver—Casting Mould Board.



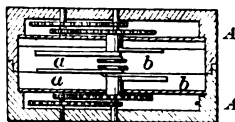
76941—G. H. Peacock—Bag Fastener.



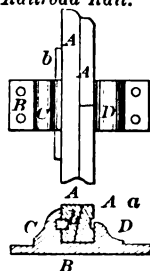
76946—R. Robson—Brick Kila.



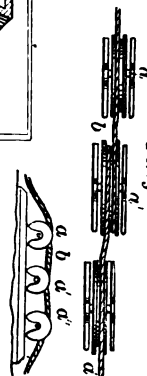
76940—W. B. O. Peabody—Scoring Games.



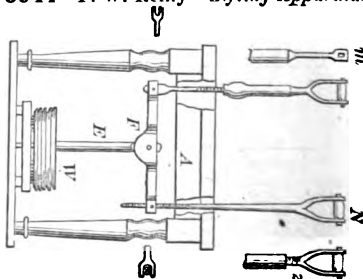
76942—L. B. Prindle—Railroad Rail.



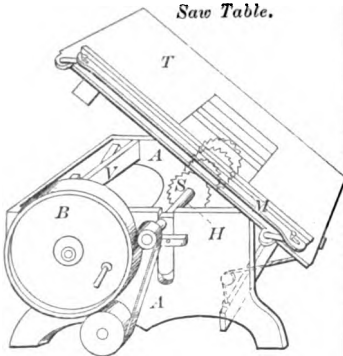
76943—Quincy &amp; Fisher—Operating Ferry Hoist.



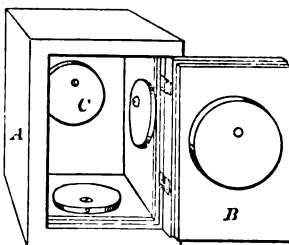
76944—F. W. Reilly—Lifting Apparatus.



**76947**—G. H. Sanborn—*Circular Saw Table.*



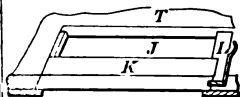
**76948**—R. S. Sanborn—*Safe.*



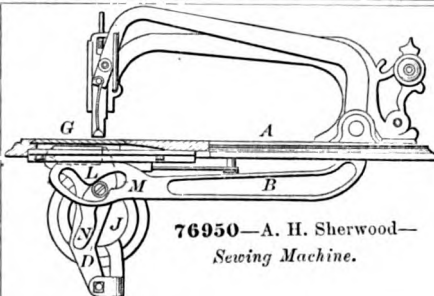
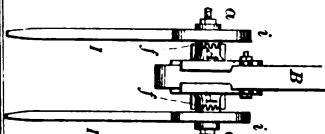
**76949**—D. B. Sanderson—*Peg Cutter.*



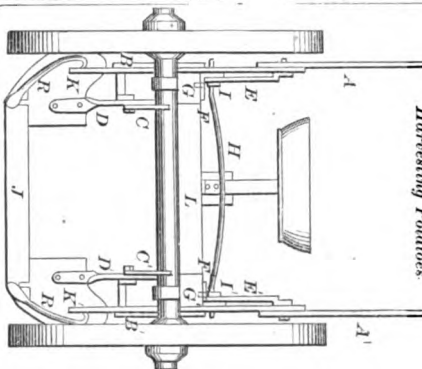
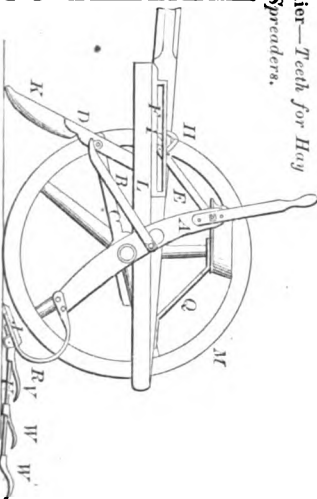
**77063**—H. B. Marshall—*Boot & Shoe.*



**76952**—G. A. Squier—*Teeth for Hog Spreaders.*

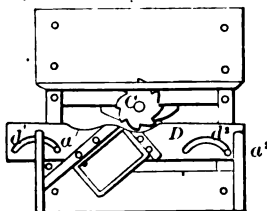


**76950**—A. H. Sherwood—*Sewing Machine.*

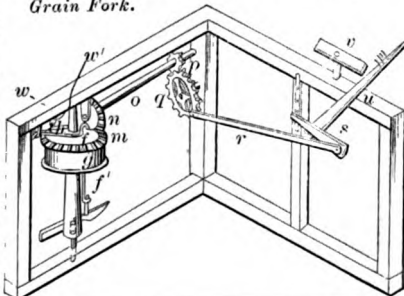


**76953**—O. S. & T. C. St. John—*For Harvesting Potatoes.*

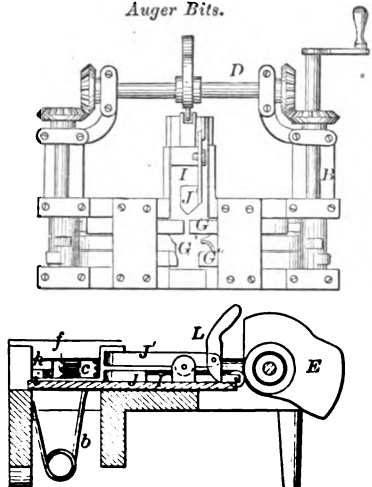
**76951**—E. Snyder—*For Rounding the Corners of Slate Frames.*



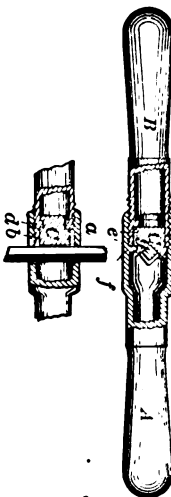
**76954**—H. Strickler—*Hay Hoisting Drum and Grain Fork.*



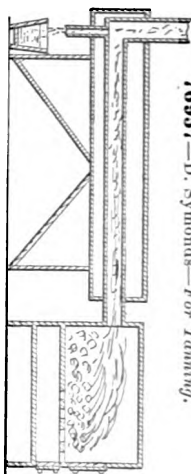
**76955—J. Swan—For Making Auger Bits.**



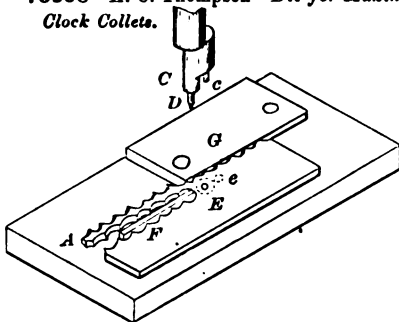
**76956—J. Swan—Auger Handle.**



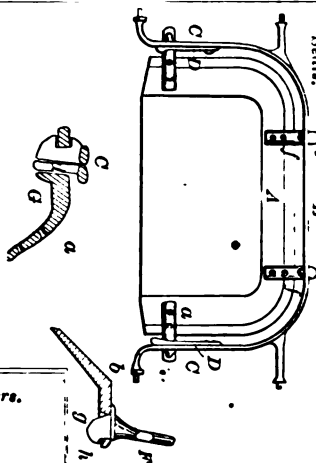
**76957—D. Symonds—For Tanning.**



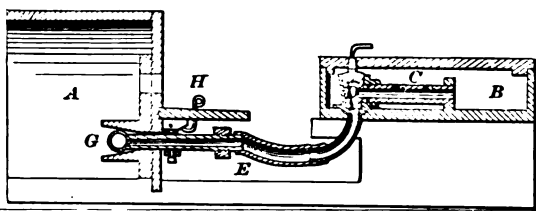
**76958—H. O. Thompson—Die for Making Clock Collets.**



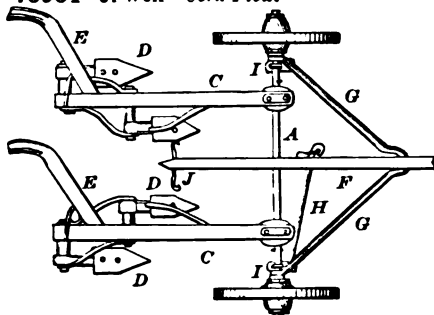
**76959—S. Toomey—Shifting Rail for Carriage Seat.**



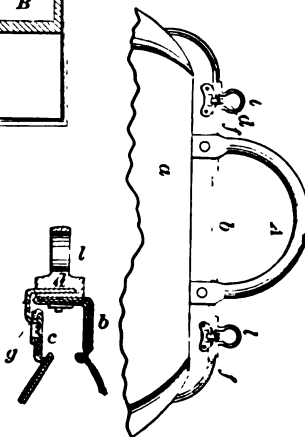
**76961—C. Webster—Feed Water Heater for Boilers.**



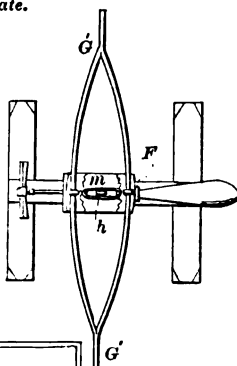
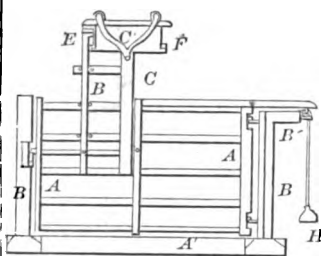
**76964—J. Wolf—Corn Plow.**



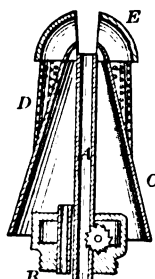
**76962—C. A. Wellington—Traveling Hug.**



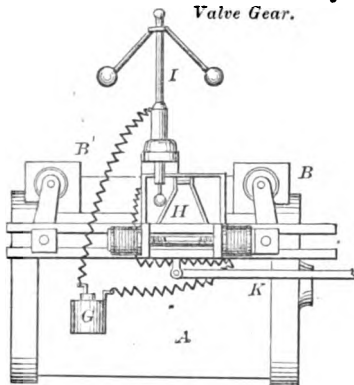
**76963**—G. W. Winterringer—*Gate.*



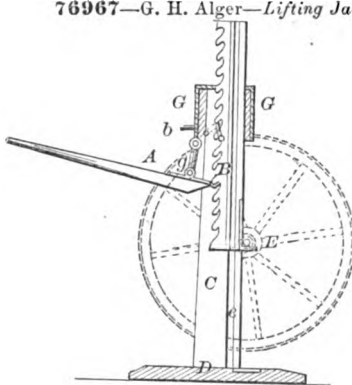
**76966**—Ackerman, Campbell &  
Golden—*Lamp Burner.*



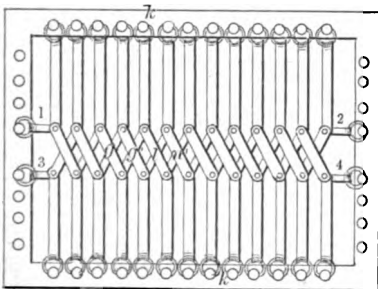
**76965**—E. A. Wood—*Electro-Magnetic Valve Gear.*



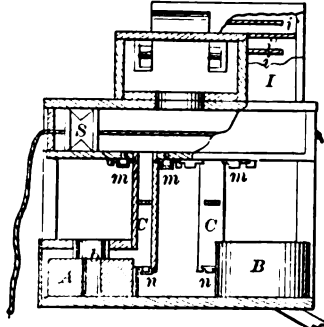
**76967**—G. H. Alger—*Lifting Jack.*



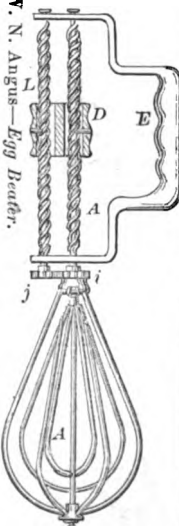
**76968**—J. Allen—*Bed Bottom.*



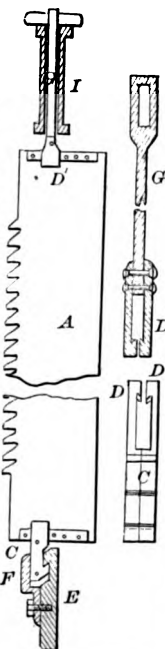
**76972**—D. Baird—*Mill Stone Exhaust*



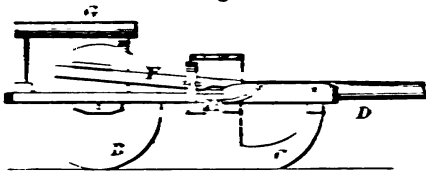
**76970**—W. N. Angus—*Egg Beater.*



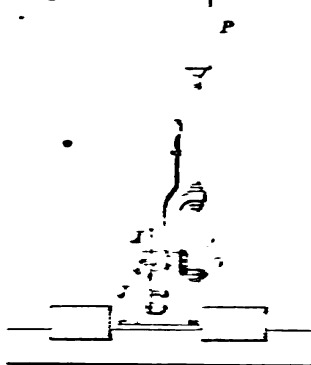
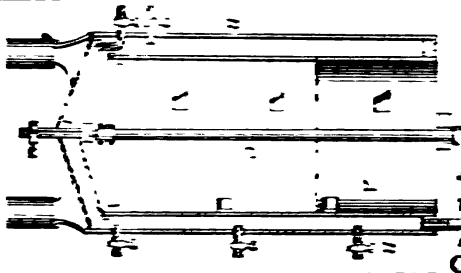
**76969**—E. Andrews—*For Hanging Reciprocating Saws.*



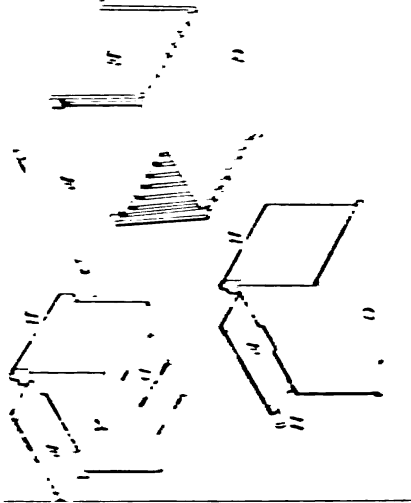
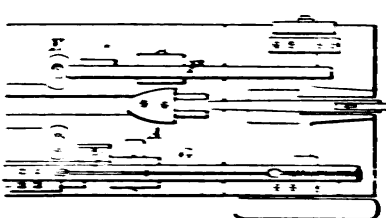
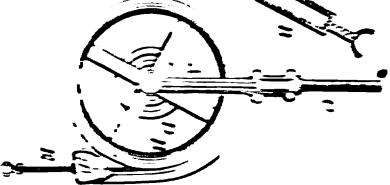
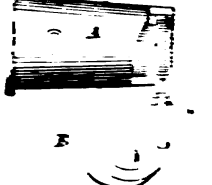
76971—A. Armstrong—Corn Peeper.



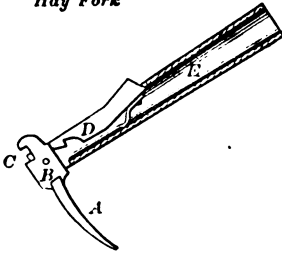
76973—A. F. Bates—Railway Switch.

70074 H. C. Hinton—  
and Post Purifier.

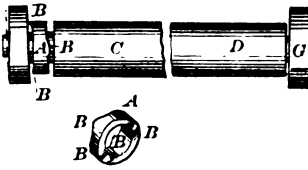
70076 W. H. Douch—Horse.

76975—Barnes & Woods—H. or S. or  
Machine.76977—S. J. Taylor—Superior for  
Steel Hat.76978—F. J. Taylor—  
Steel Hat.76979—G. A. Taylor—  
Steel Hat.

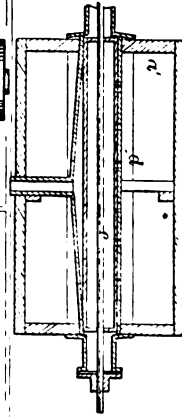
**76980**—Bemendefer & Finch—  
*Hay Fork*



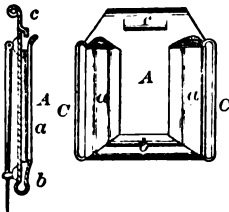
**76983**—B. Boardman—  
*For Turning Nuts.*



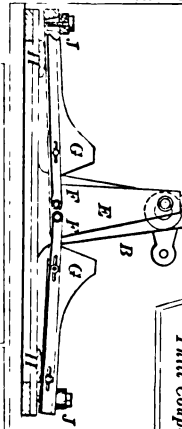
**76982**—S. W. Bevens—*Feather Dressing Machine.*



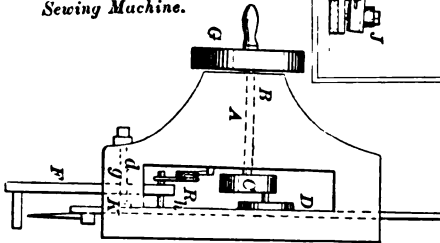
**76987**—S. M. & H. J. Brown—  
*Ticket Holder.*



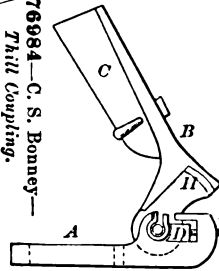
**76989**—A. Buchanan—  
*Quartz Crusher.*



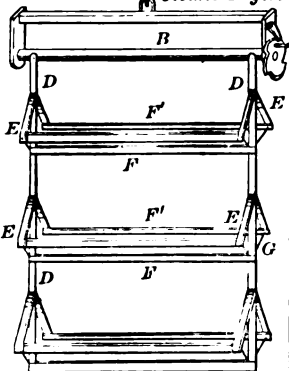
**76986**—C. E. Brown—  
*Sewing Machine.*



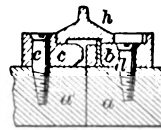
**76984**—C. S. Bonney—  
*Thill Coupling.*



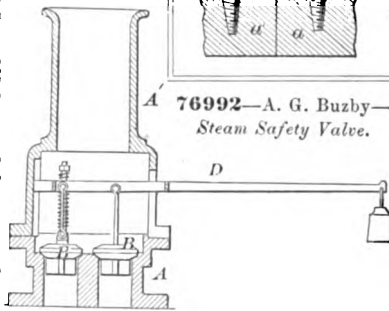
**76990**—D. M. Buckley—  
*Clothes Dryer.*



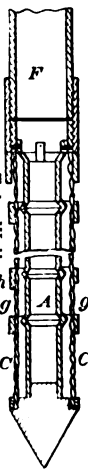
**76981**—W. H. Betts—  
*Window Sash Lock.*



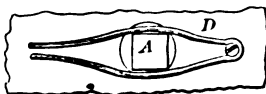
**76992**—A. G. Buzby—  
*Steam Safety Valve.*



**76985**—A. S. Brown—*Tube Well.*



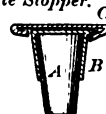
**76995**—J. Christy—*Nut Fastener.*



**76988**—O. Bruck—*Pocket Book and Fan.*

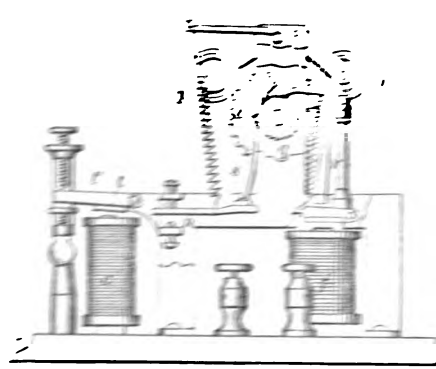
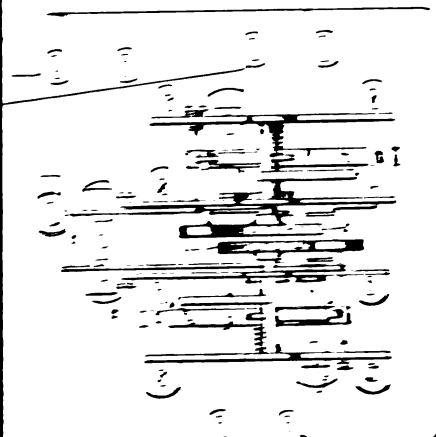


**76994**—S. & S. C. Cary—  
*Bottle Stopper.*

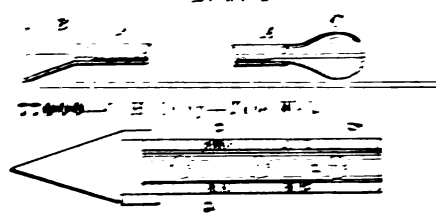




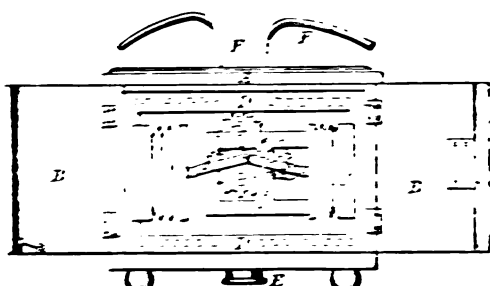
76993—A. S. Latham—Drawing Telegraph.



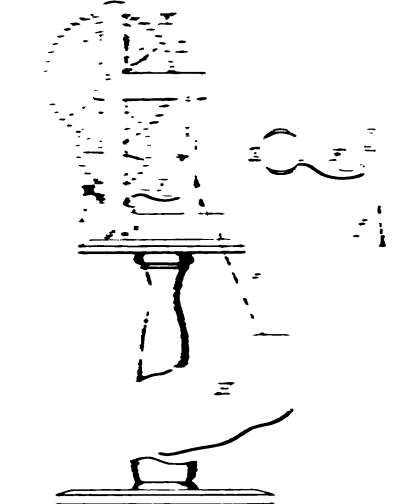
76994—A. S. Latham—For Drawing Telegraph.



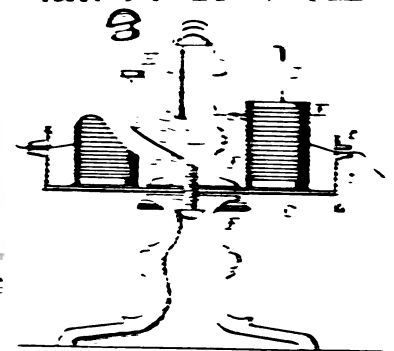
76995—A. S. Latham—For Drawing Telegraph.



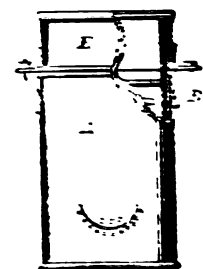
76996—A. S. Latham—For Drawing Telegraph.



76997—A. S. Latham—For Drawing Telegraph.



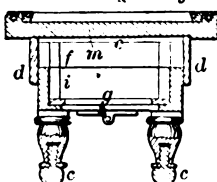
76998—A. S. Latham—For Drawing Telegraph.



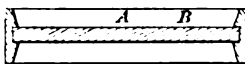
76999—A. S. Latham—For Drawing Telegraph.



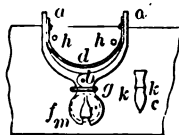
**77001**—H. W. Collender—*Billiard and Dining Table.*



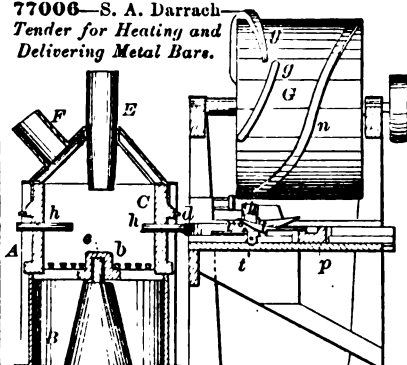
**77004**—Q. C. Culley—*Cheese Turning Cover.*



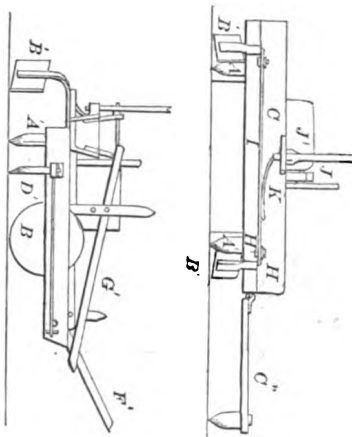
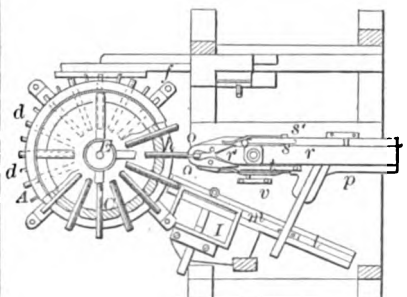
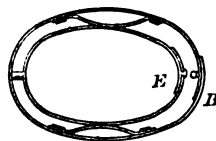
**77005**—A. Catter—*Shutter Fastening.*



**77006**—S. A. Darrach—*Tender for Heating and Delivering Metal Bars.*

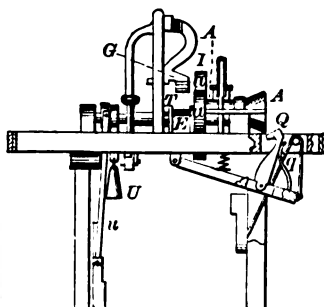
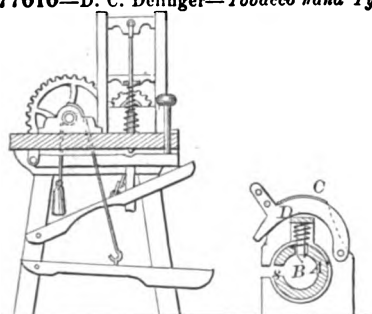


**77007**—G. Deas—*Hat Ventilator.*

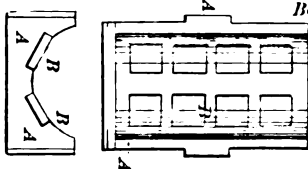


**77009**—C. Deis—*Seeding Machine.*

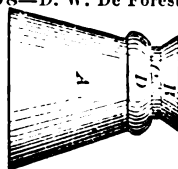
**77010**—D. C. Delinger—*Tobacco hand Tying Machine.*



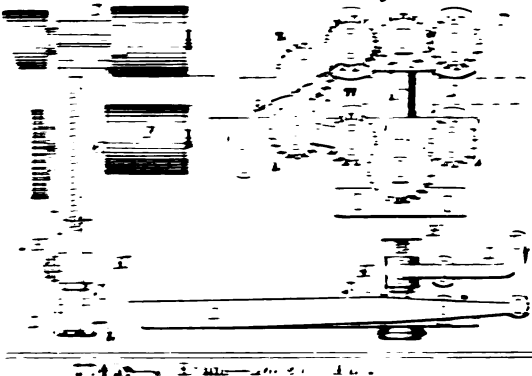
**77012**—P. S. Devlan—*Material for Journal Boxes.*



**77008**—D. W. De Forest—*Mucilage Bottle.*



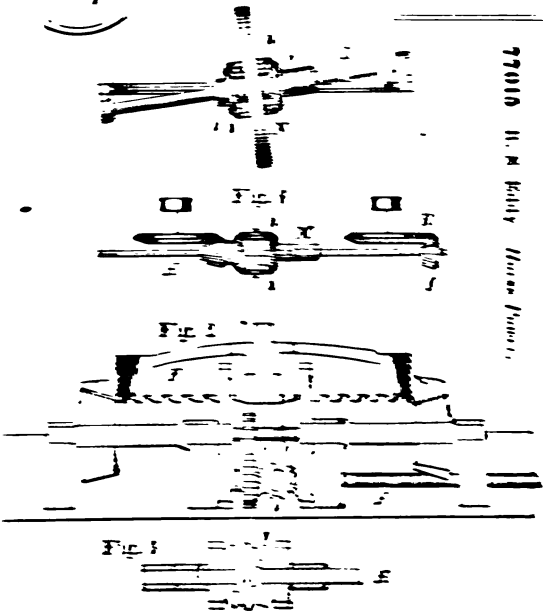
77012-3 Compound - Wood Planing Machine.



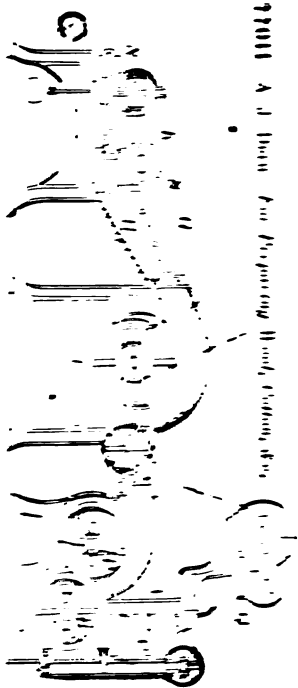
77010 J. Eliason, Portland, Ore.



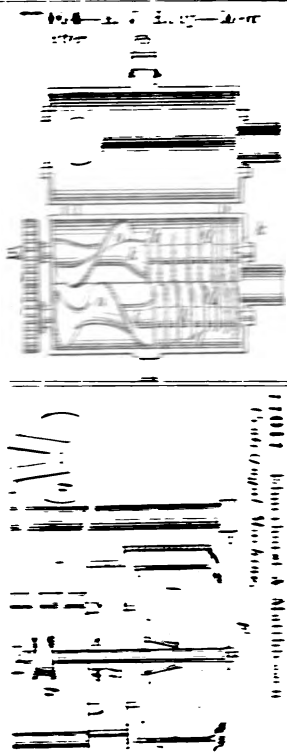
77016 H. M. Kelly, Kansas, Kansas.



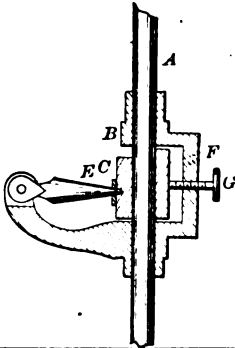
77011 A. J. Dean, For Propagating Wood, Cutting, etc.



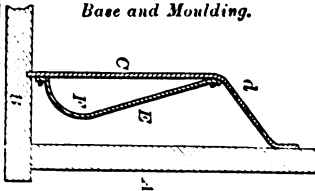
77017 J. H. Johnson & A. M. Johnson, Cook County, New York.



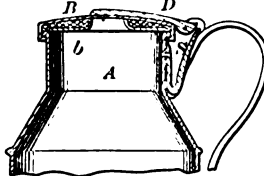
**77019—J. H. Everts—**  
*Extension Fixture for*  
*Chandeliers.*



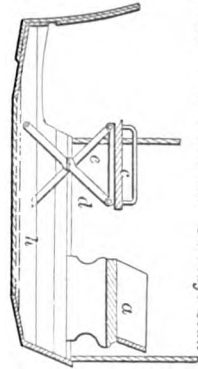
**77022—C. E. Finkle—Metallic**  
*Base and Moulding.*



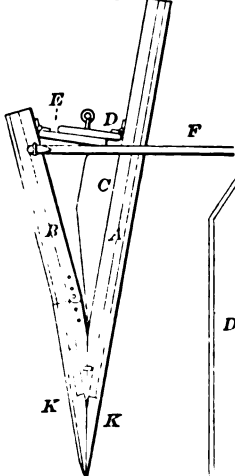
**77020—J. Fandel—Milk Can**  
*Corer.*



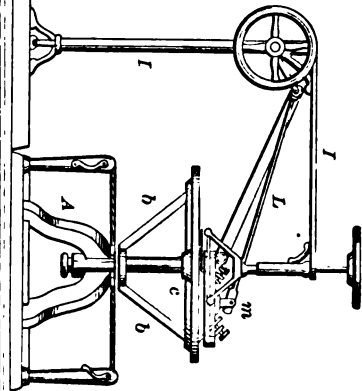
**77023—Forbes & Sears—Carriage Seat.**



**77024—E. L. Foreman—**  
*Ditching Machine.*



**77025—L. B. Fox—Finishing**  
*Leather.*



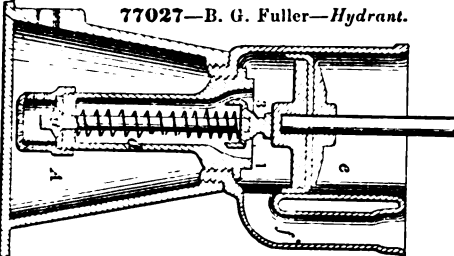
**77028—H. Ganney—Watch Key.**



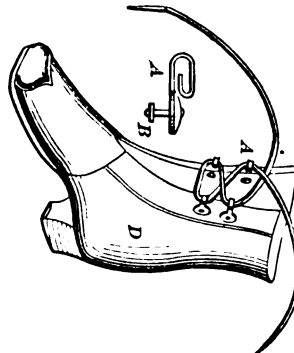
**77026—J. D. Frary—Table Fork.**



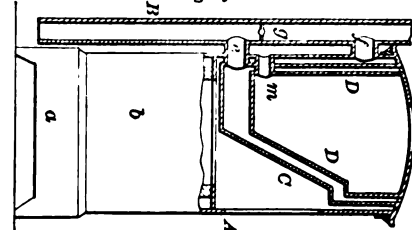
**77027—B. G. Fuller—Hydrant.**



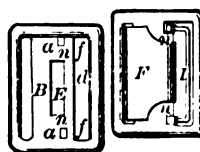
**77029—D. A. Gilbert—Shoe Last.**



**77032—C. B. Gregory—Coal Store.**



**77033—H. C. Griggs—Buckle.**



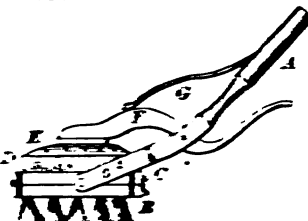
77030—D. A. Wilson—Burr  
Tool.



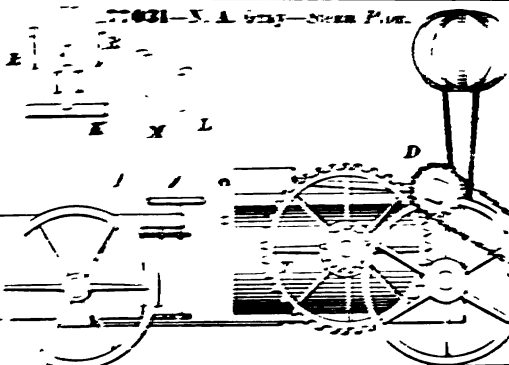
77034—Griggs &  
Watson—Jaw  
Burrer.



77035—T. A. Hacker—Scraper.



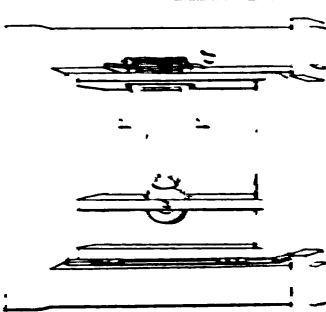
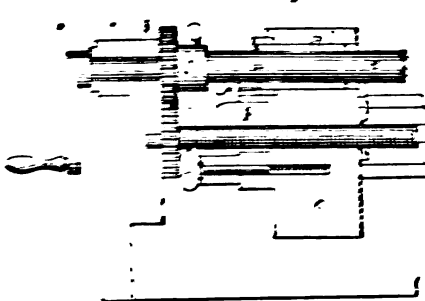
77031—S. A. Gray—Steam Pump.



77037—H. E. Haraden—  
Cutter P.A. A

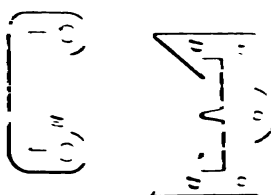
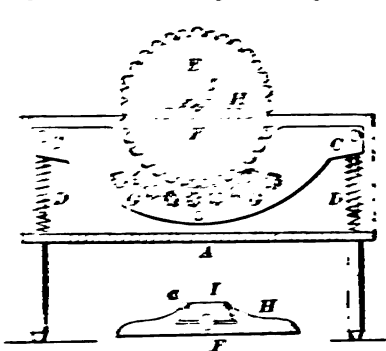


77036—J. Elk—Pin Box of Wood.

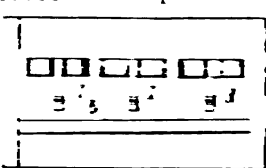


77040—C. C. Hubbard—Door and Door Latch.

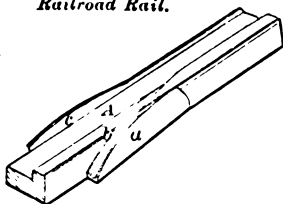
77041—How & Kelly—Wear by Machine.



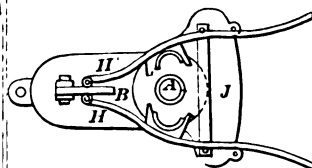
77038—A. Hattner—Gate Bar.



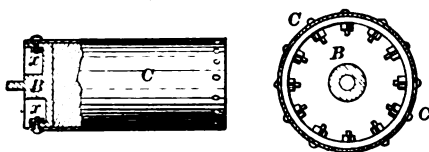
**77039—J. H. Herman—**  
*Railroad Rail.*



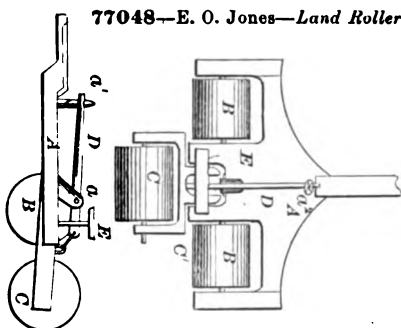
**77042—Hue & Roziere—**  
*Moulding Design.*



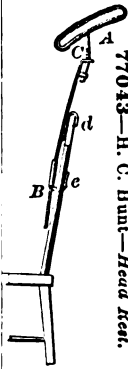
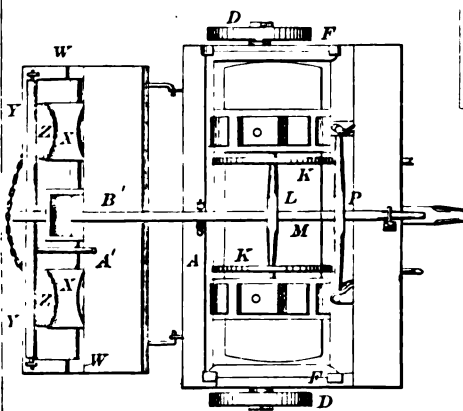
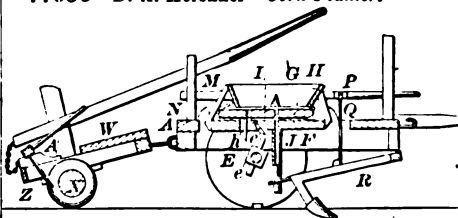
**77044—E. F. Hutchinson—Land Roller.**



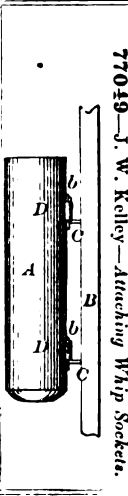
**77048—E. O. Jones—Land Roller.**



**77050—D. A. Kershner—Corn Planter.**

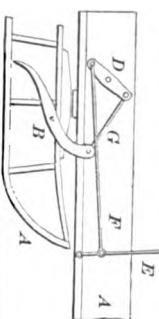


**77043—H. C. Hunt—Head Rest.**

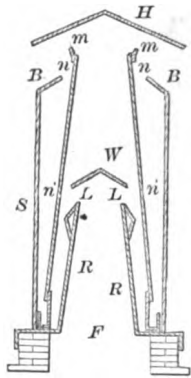


**77049—J. W. Kelley—Attaching Whip Socket.**

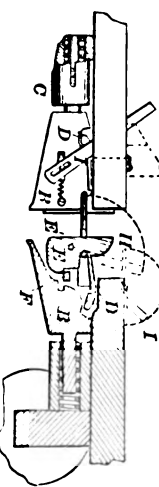
**77045—A. Ingalls—Sleigh Brake.**



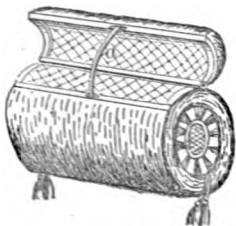
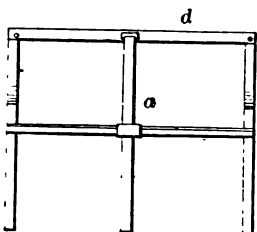
**77047—D. F. Jauss—**  
*Chimney Cowl.*



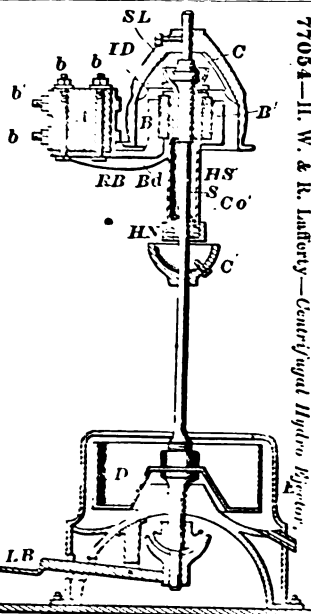
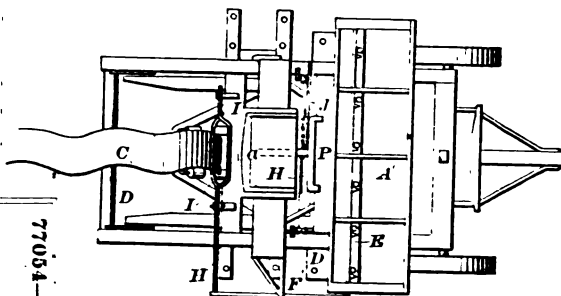
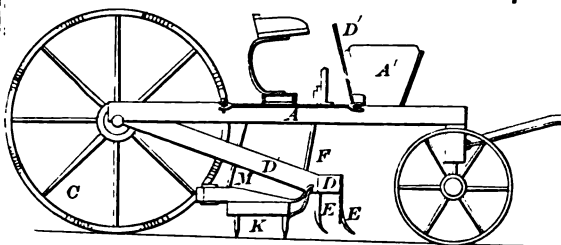
**77046—E. H. Janney—Car Coupling.**



77051—M. A. King—Muff.

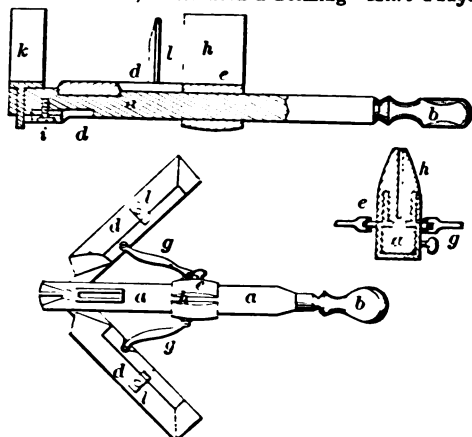


77052—D. Kint—Seeder, Cultivator and Harrow.

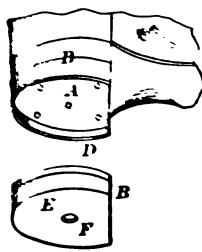


77054—H. W. &amp; R. Lafferty—Centrifugal Hydraulic Ejector.

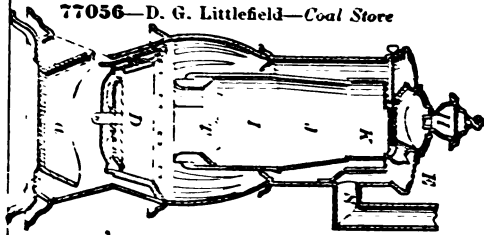
77053—La Baw, Hutchinson &amp; Fleming—Mitre Gauge.



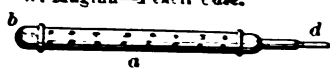
77055—G. Lane—Boot Heel.



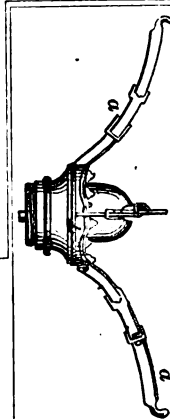
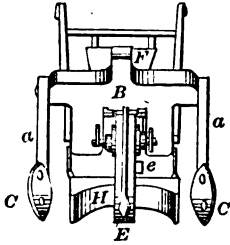
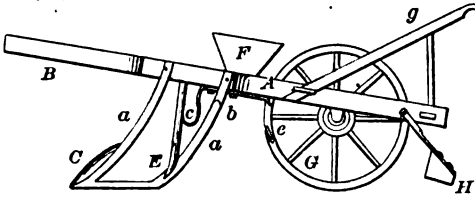
77056—D. G. Littlefield—Coal Store.



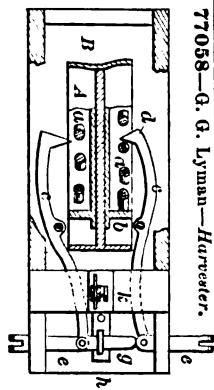
77062—W. Maginn—Pencil Case.



77057—H. C. Locke—Corn Planter.

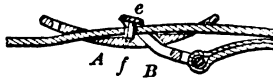
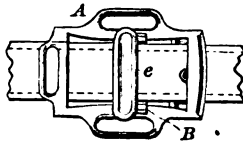


77059—J. W. Lyon—Lamp Shade Supporter.

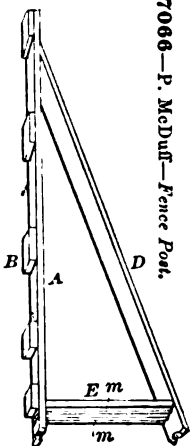
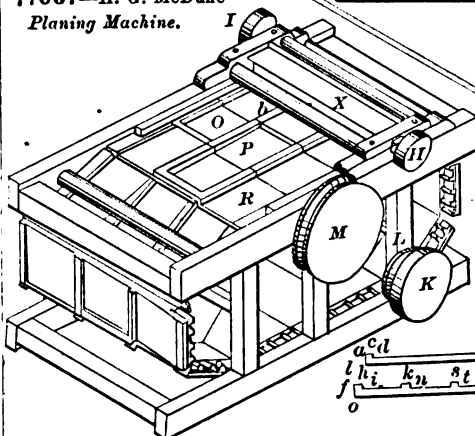


77058—G. G. Lyman—Harvester.

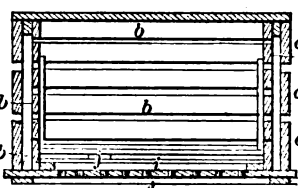
77064—J. A. Mashmeyer—Buckle.



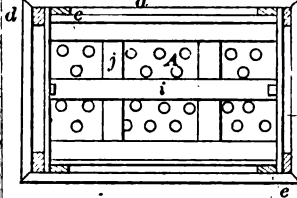
77067—H. G. McDuffe—Planing Machine.



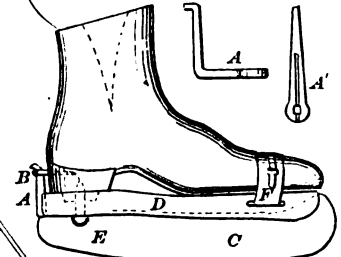
77066—P. McDuffe—Fence Post.



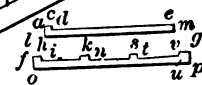
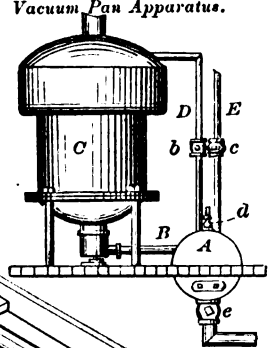
77060—E. Mabbett Sr.—Fruit Crate.



77061—Maedd & Wolff—Skate Fastening.

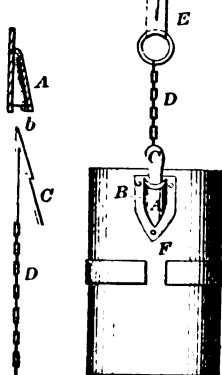


77065—F. O. Matthiessen—Vacuum Pan Apparatus.

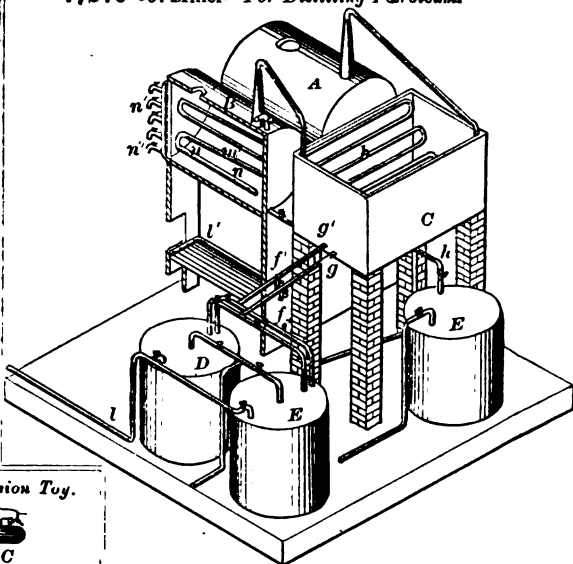




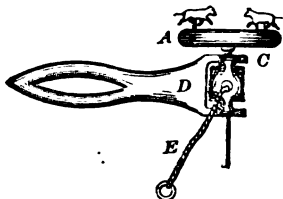
**77068**—A. McNeill—*Pocket Book Safety Attachment.*



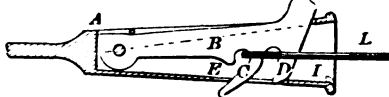
**77070**—J. Miller—*For Distilling Petroleum.*



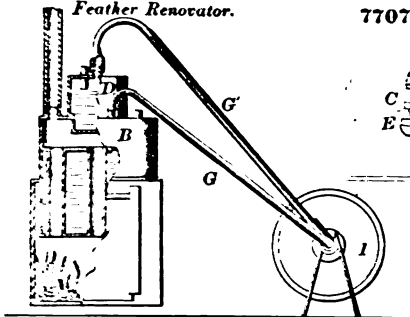
**77072**—J. A. Minor—*Illusion Toy.*



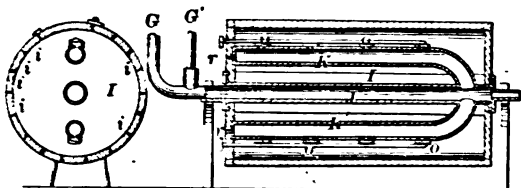
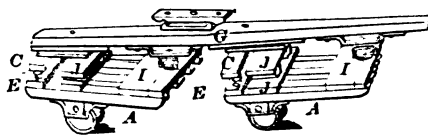
**77071**—S. Mills—*Car Coupling.*



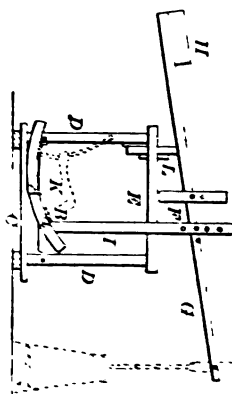
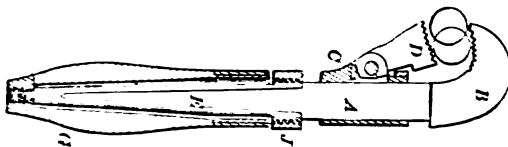
**77075**—Moorehead & Elliott—*Feather Renovator.*



**77074**—C. H. Moore—*Moving Buildings.*

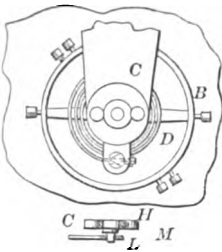


**77076**—I. Morse—*Wrench*

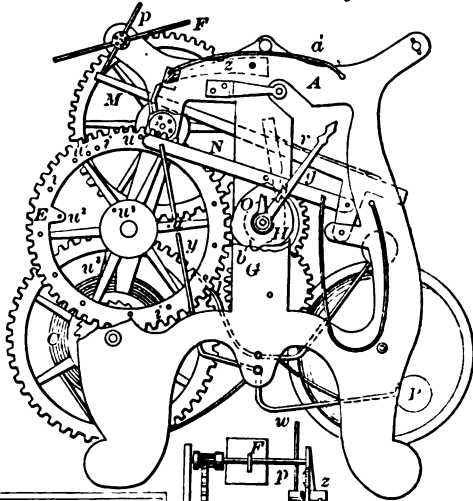


**77077**—I. Morse—*For Operating Churns, etc.*

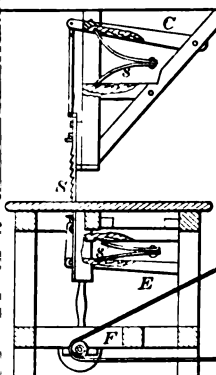
77078—C. S. Moseley—Watch.



77080—N. E. Mulford—Clock Striking Attachment.

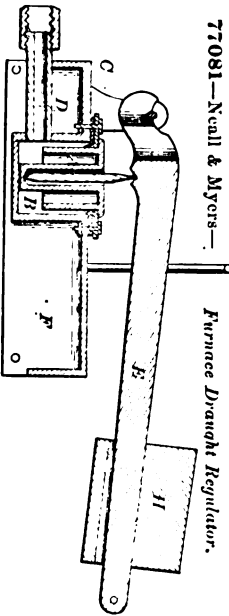


77079—J. W. Moyer—Saw Mill.

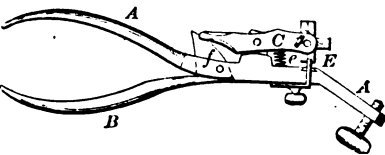


77081—Neill & Myers—

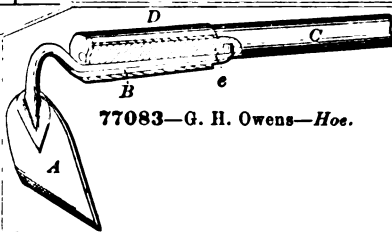
Furnace Divanohi Regulator.



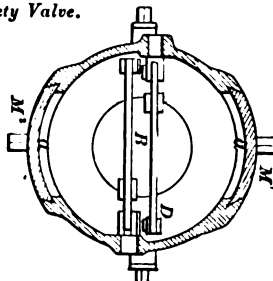
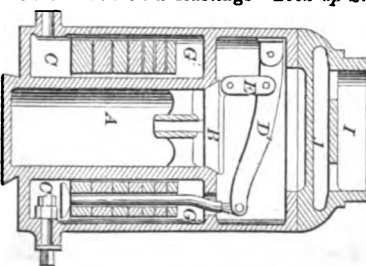
77082—Noepel & Assman—Saw Set.

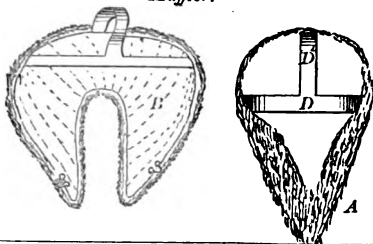
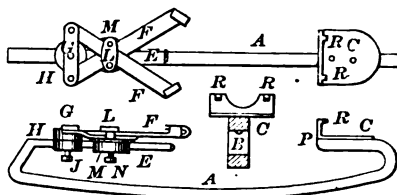
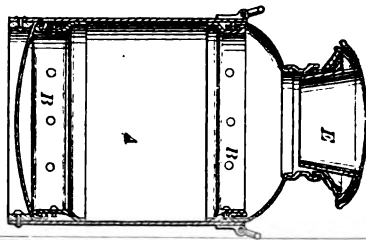
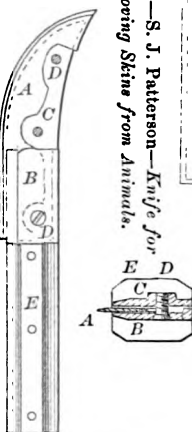
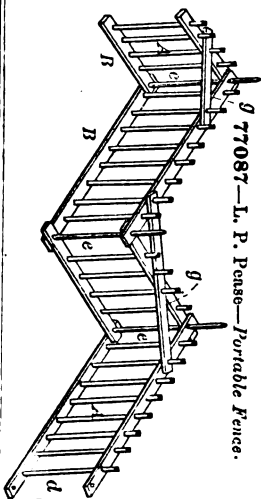
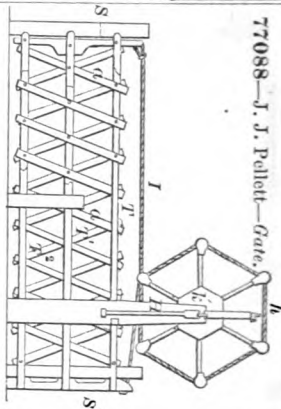
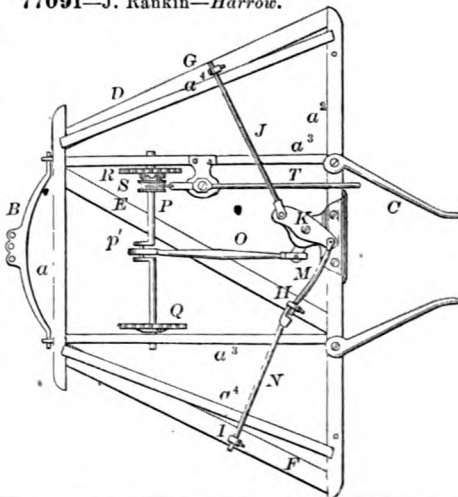
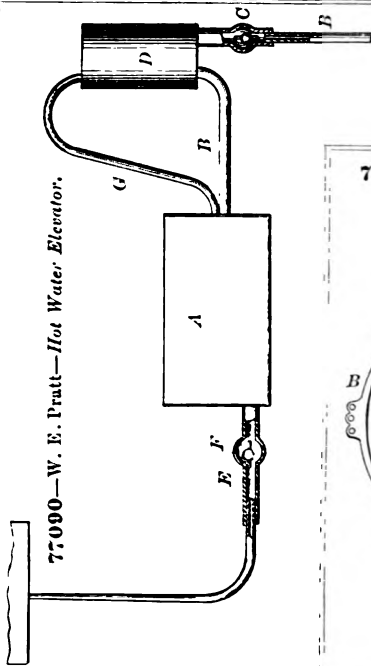


77083—G. H. Owens—Hoe.

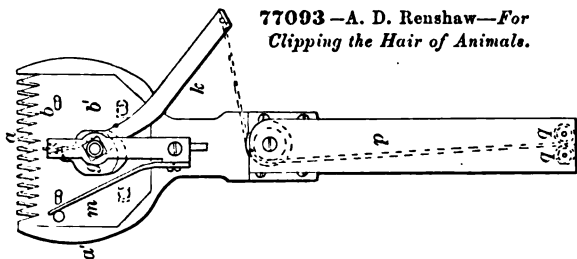


77084—Packard & Hastings—Lock-up Safety Valve.

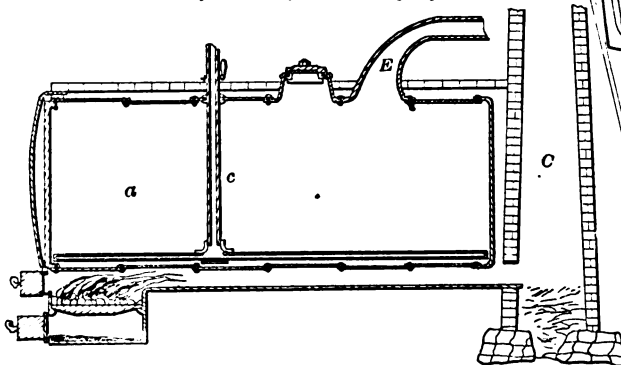


77085—G. W. & W. F. Parker—*Fur Muffler.*77089—R. Pohl—*Skate.*77092—C. A. Reight—*Milk Can.*77086—S. J. Patterson—*Knife for Removing Skins from Animals.*77087—L. P. Pease—*Portable Fence.*77088—J. J. Pellet—*Gate.*77091—J. Rankin—*Harrow.*77090—W. E. Pratt—*Hot Water Elevator.*

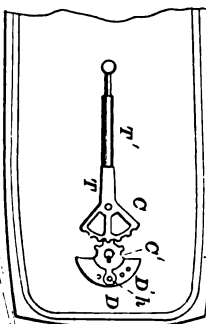
**77093**—A. D. Renshaw—*For Clipping the Hair of Animals.*



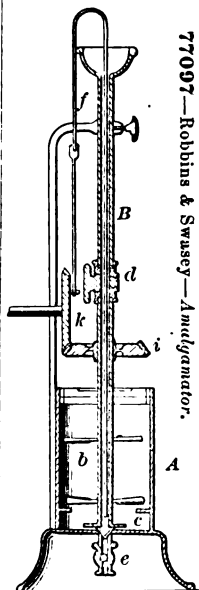
**77094**—C. W. Requa—*Still for Distilling Hydro-Carbons.*



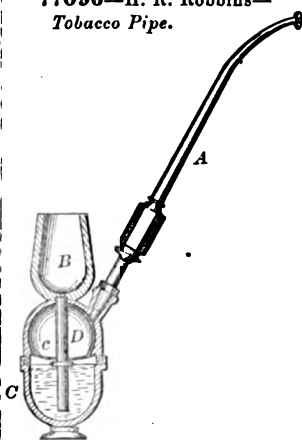
**77095**—C. T. Ridsout—*Rudder Gear*



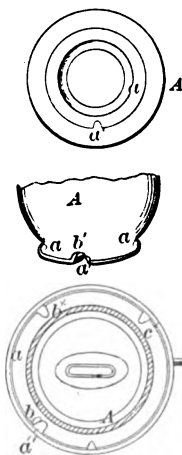
**77097**—Robbins & Swasey—*Amalgamator.*



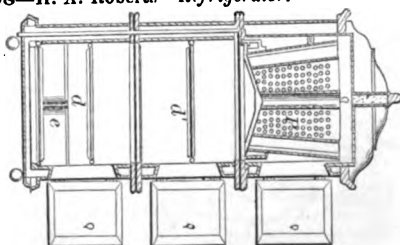
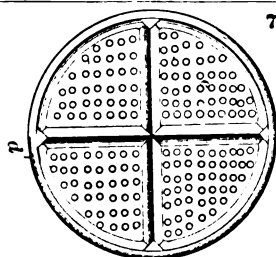
**77096**—H. R. Robbins—*Tobacco Pipe.*



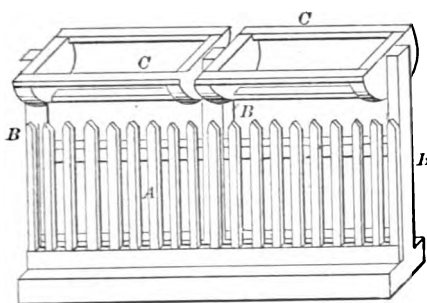
**77100**—J. Robinson—*Lamp Chimney.*



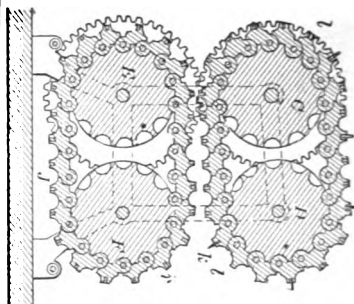
**77098**—H. A. Roberts—*Refrigerator.*



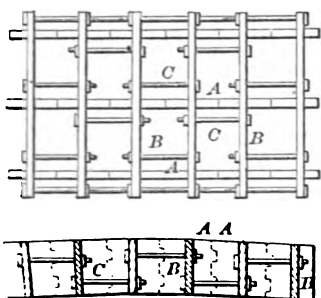
77101—H. W. Rutt—Poultry Yard Fence.



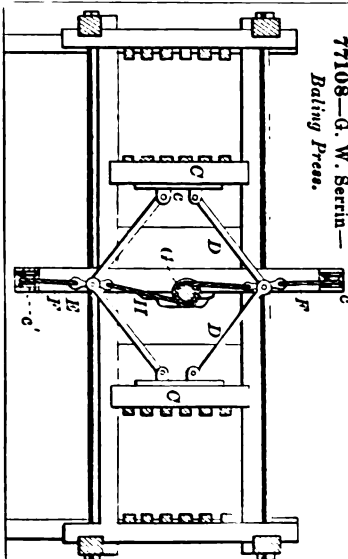
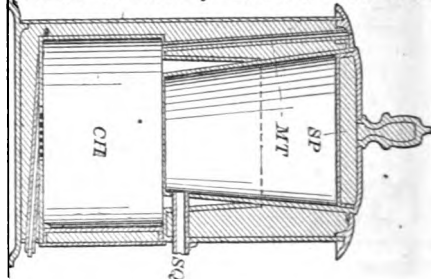
77102—C. E. Rymes—For Cutting Tobacco.



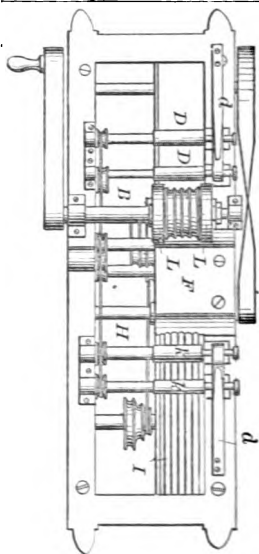
77103—J. Sanderson—Bridge.



77106—C. C. Savery—Enamelled Water Cooler.

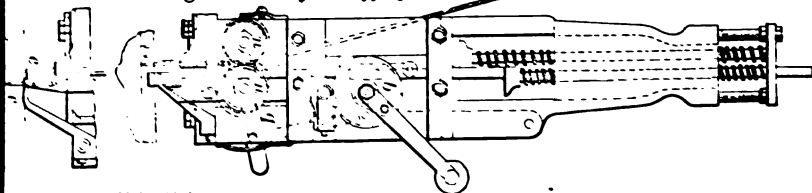
77108—G. W. Serrin—  
Dating Press.

77107—T. A. Searle—Wrench.

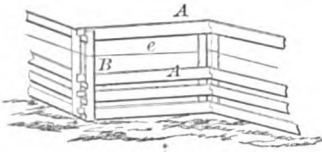


77105—D. R. Satterlee—For Manufacture of Slate Pencils.

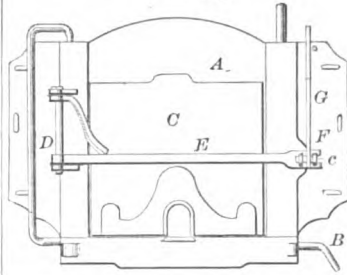
77104—J. F. Sargent—Nailing or Pegging Machine.



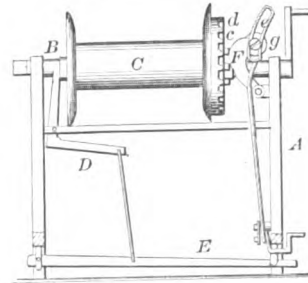
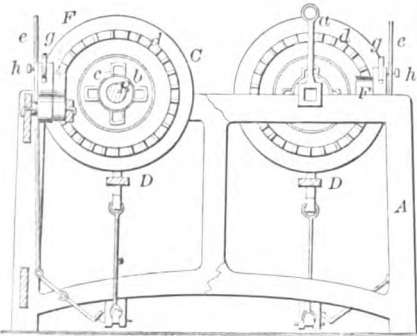
77109—N. L. Shaw—*Fence.*



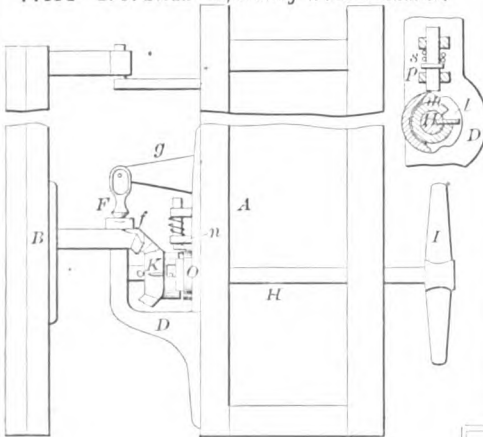
77112—P. E. Shaw—*Furnace Door Fastening.*



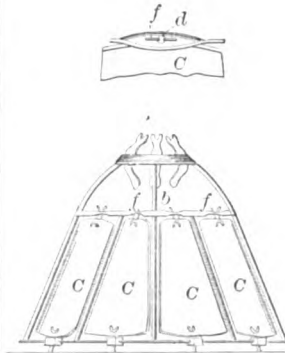
77110—S. S. Shaw—*Oyster Winder.*



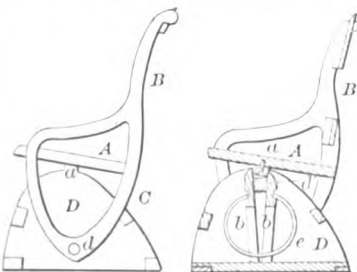
77114—T. J. Sloan—*Operating Window Shutter.*



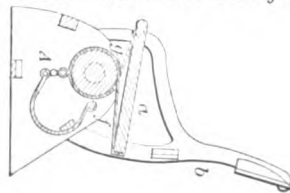
77115—A. A. Smith—*Lamp Shade.*



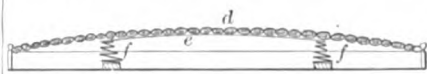
77117—C. D. Smith—*Tilting Chair.*



77116—C. D. Smith—*Tilting Chair.*



77113—P. P. Simmons—*Bed Bottom.*

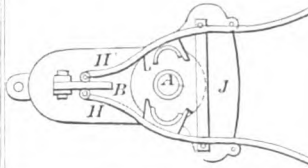




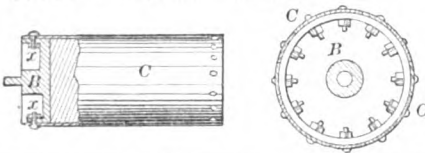
77039—J. H. Herman—  
Railroad Rail.



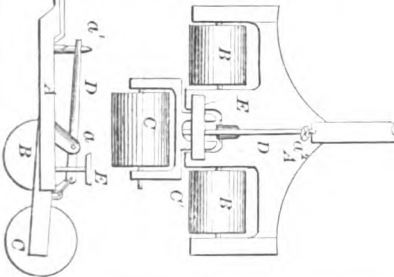
77042—Hue & Roziere—  
Moulding Design.



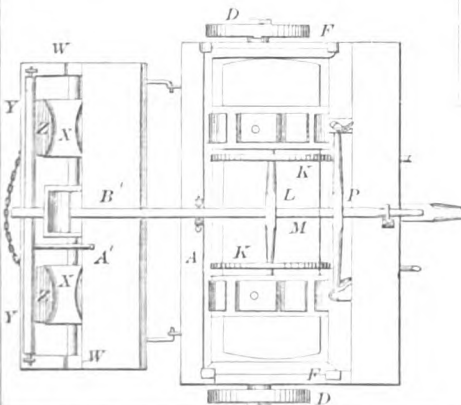
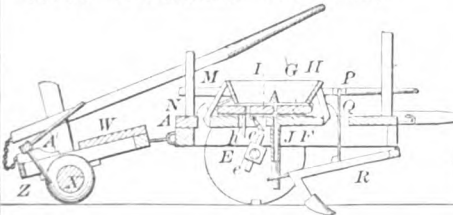
77044—E. F. Hutchinson—Land Roller.



77048—E. O. Jones—Land Roller.



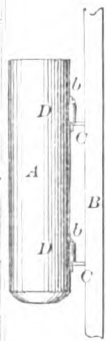
77050—D. A. Kershner—Corn Planter.



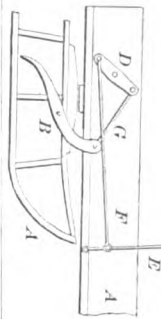
77043—H. C. Hunt—Head Rest.



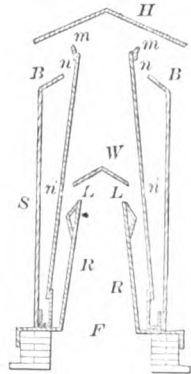
77049—J. W. Kelley—Attaching Whip Sockets.



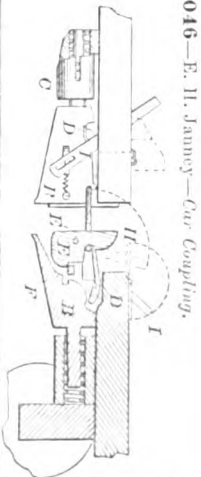
77045—A. Ingalls—Sleigh Brake.



77047—D. F. Jauss—  
Chimney Cowl.

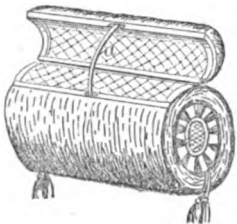
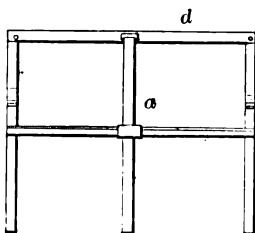


77046—E. H. Janney—Car Coupling.

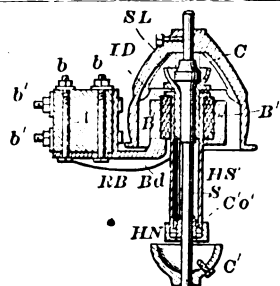
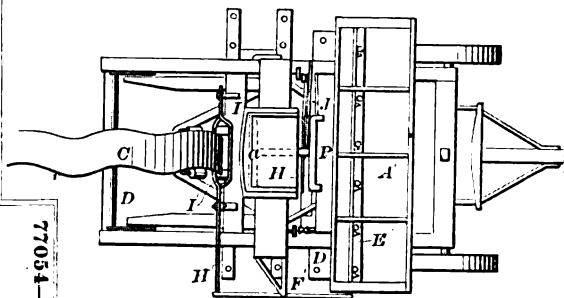
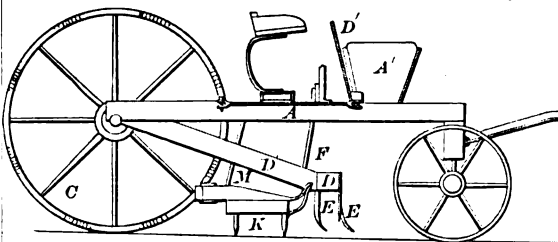




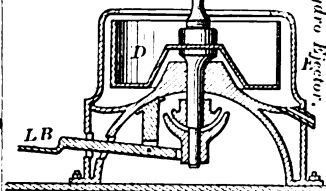
77051—M. A. King—Muff.



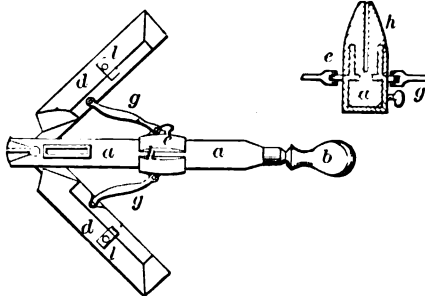
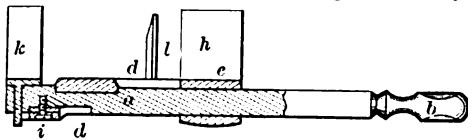
77052—D. Kint—Seeder, Cultivator and Harrow.



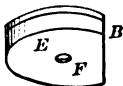
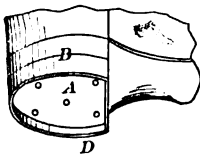
77054—H. W. &amp; R. Lafferty—Centrifugal Hydraulic Ejector.



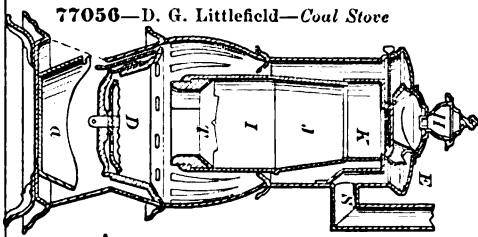
77053—La Baw, Hutchinson &amp; Fleming—Mitre Gauge.



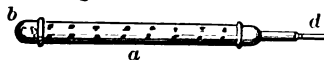
77055—G. Lanc—Boot Heel.



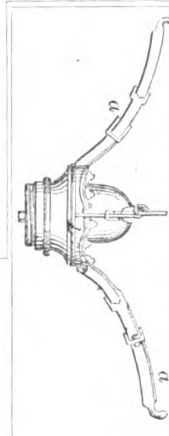
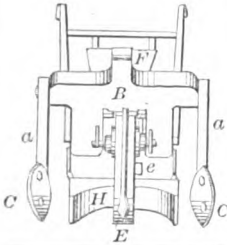
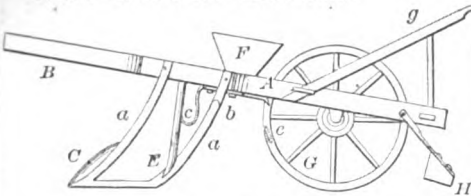
77056—D. G. Littlefield—Coal Store.



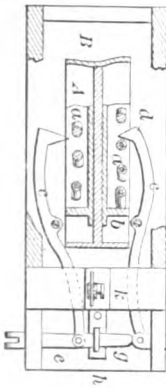
77062—W. Maginn—Pencil Case.



77057—H. C. Locke—Corn Planter.

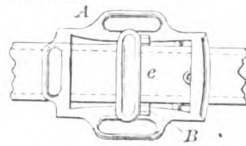


77059—J. W. Lyon—Lamp Shade Supporter.

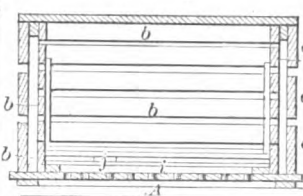
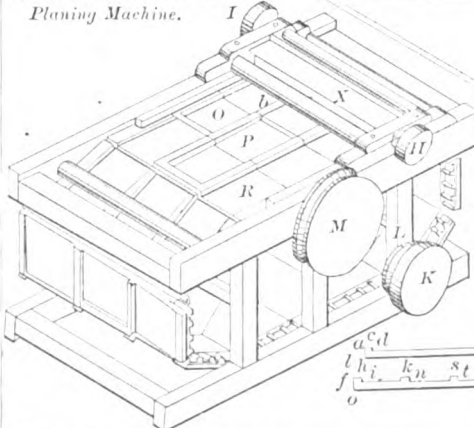


77058—G. G. Lyman—Halterster.

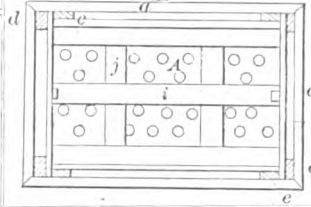
77064—J. A. Mashmeyer—Buckle.



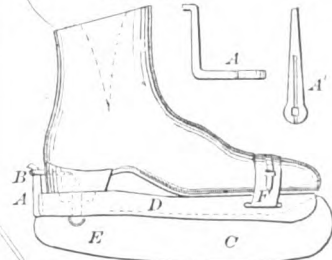
77067—H. G. McDuffe—Planing Machine.



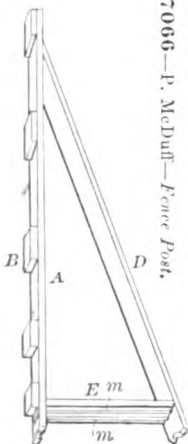
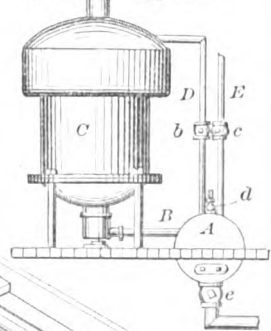
77060—T. Mabbett Sr.—Fruit Crate.



77061—Maedd & Wolff—Skate Fastening.

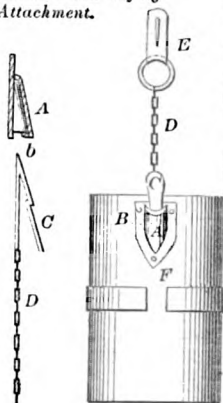


77065—F. O. Matthiessen—Vacuum Pan Apparatus.

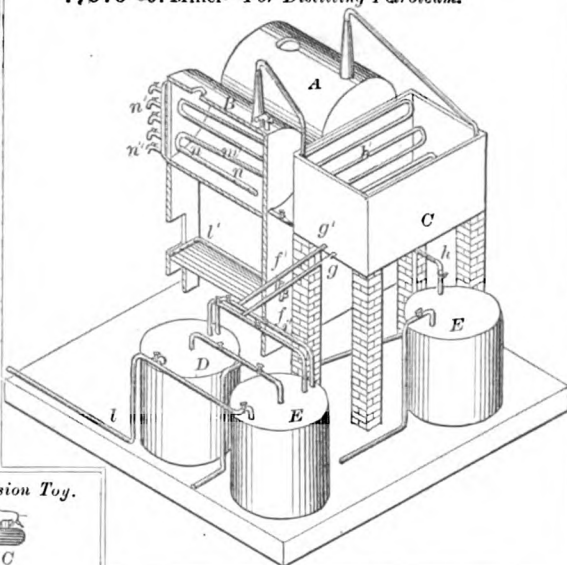


77066—P. McDuffe—Fence Post.

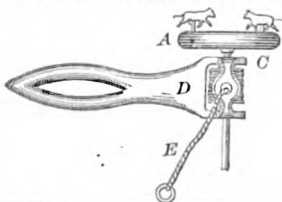
**77068**—A. McNeill—*Pocket Book Safety Attachment.*



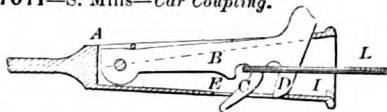
**77070**—J. Miller—*For Distilling Petroleum.*



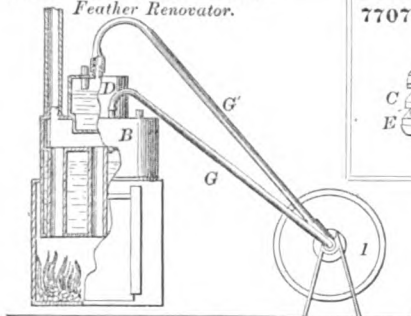
**77072**—J. A. Minor—*Illusion Toy.*



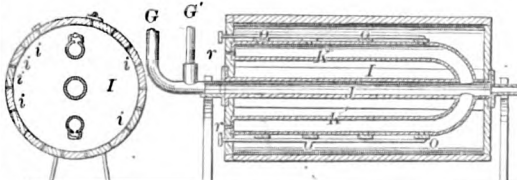
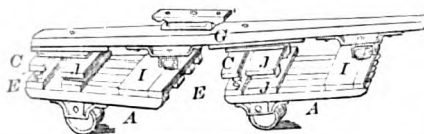
**77071**—S. Mills—*Car Coupling.*



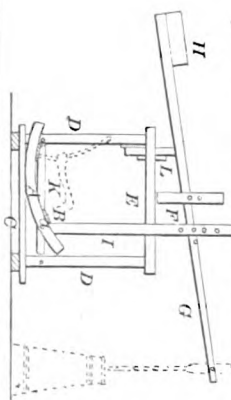
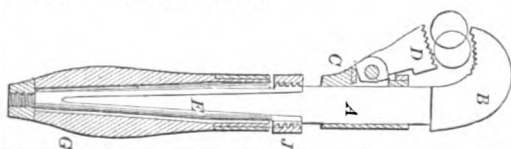
**77075**—Moorehead & Elliott—*Feather Renovator.*



**77074**—C. H. Moore—*Moving Buildings.*

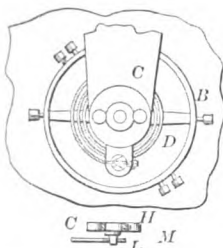


**77076**—I. Morse—*Wrench*

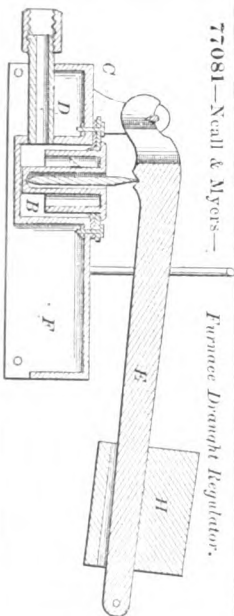
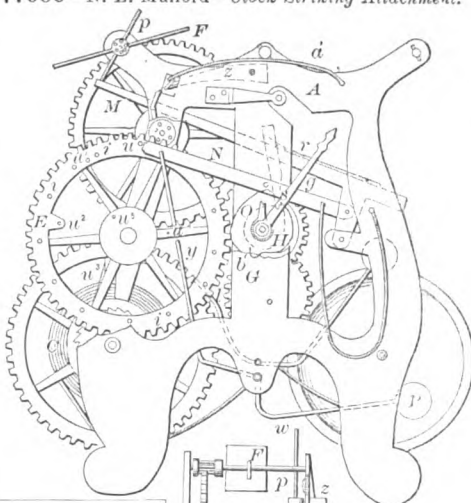


**77077**—I. Morse—*For Operating Churns, &c.*

77078—C. S. Moseley—Watch.



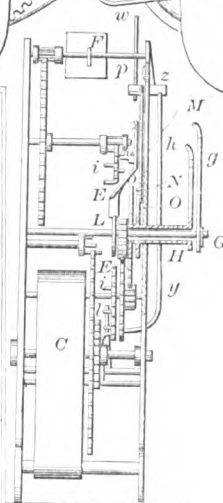
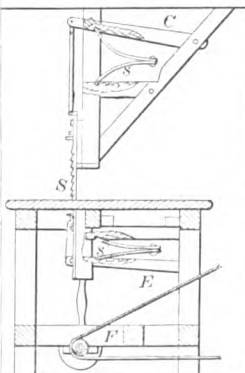
77080—N. E. Mulford—Clock Striking Attachment.



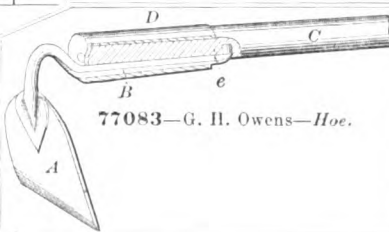
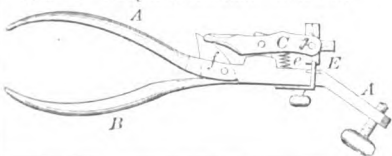
77081—Neill & Myers—

Furnace Draught Regulator.

77079—J. W. Moyer—Saw Mill.

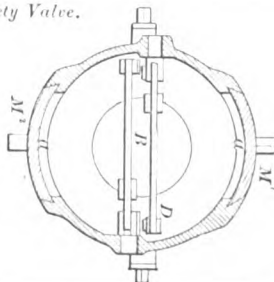
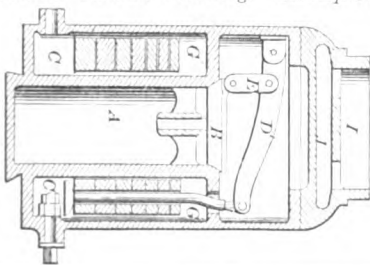


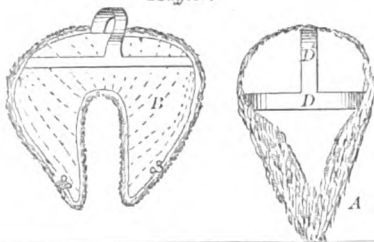
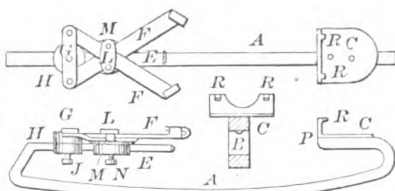
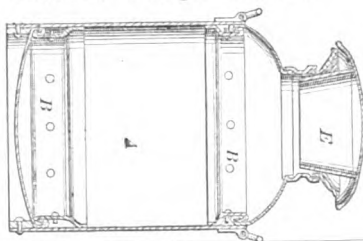
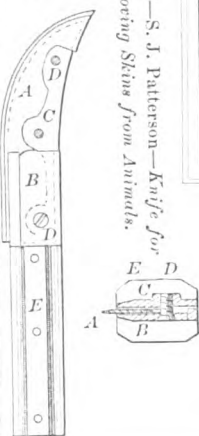
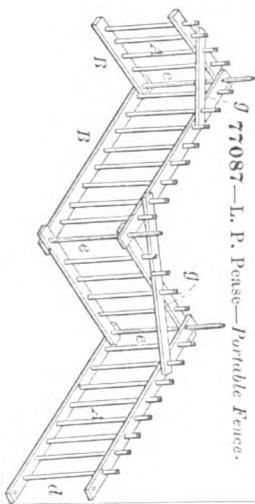
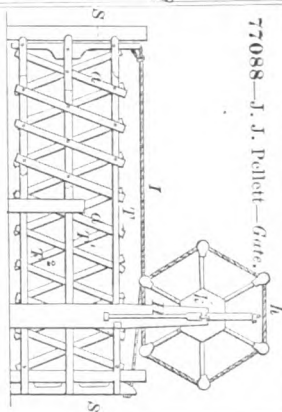
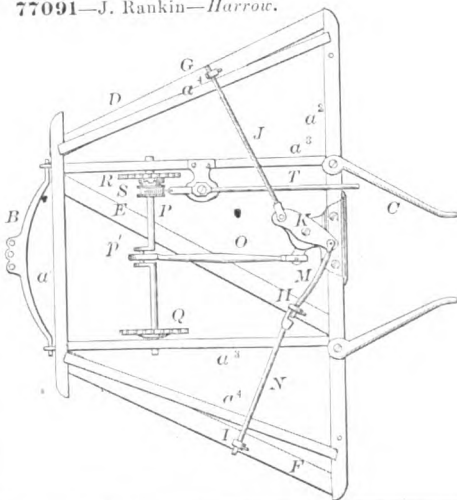
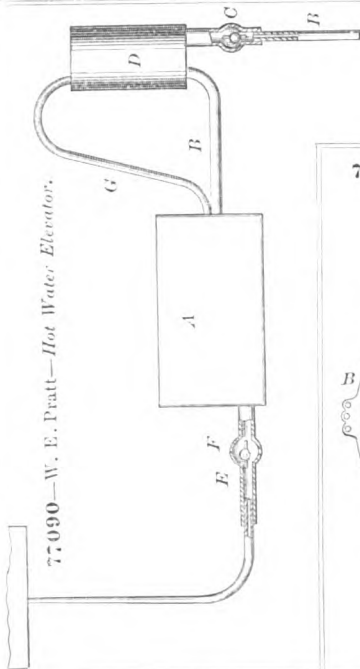
77082—Noepel & Assman—Saw Set.

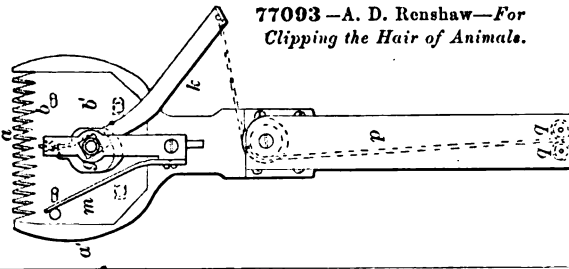


77083—G. H. Owens—Hoe.

77084—Packard & Hastings—Lock-up Safety Valve.

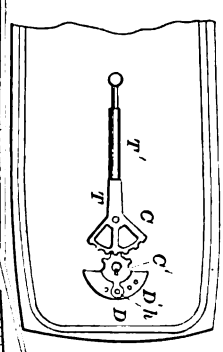
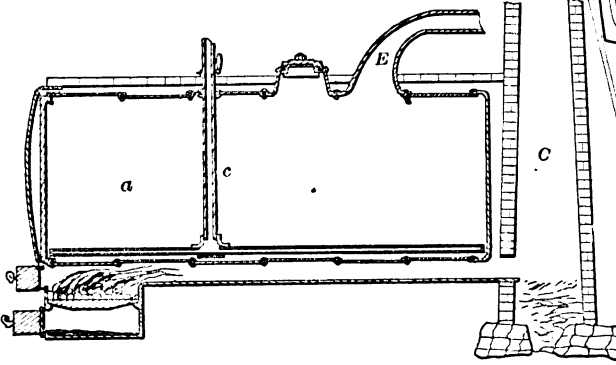


77085—G. W. & W. F. Parker—*Fur Muffler.*77089—R. Pohl—*Skate.*77092—C. A. Reight—*Milk Can.*77086—S. J. Patterson—*Knife for Removing Skins from Animals.*77087—L. P. Pease—*Portable Fence.*77088—J. J. Pellett—*Gate.*77091—J. Rankin—*Harrow.*77090—W. E. Pratt—*Hot Water Elevator.*



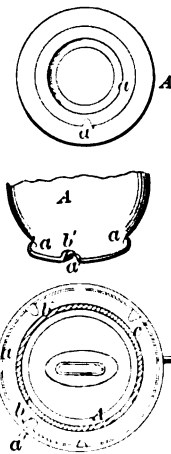
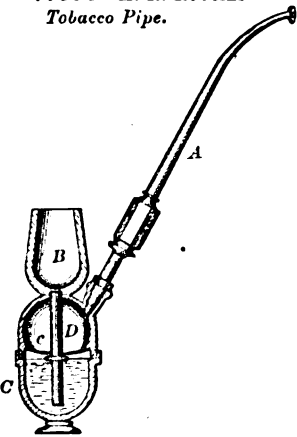
77003—A. D. Renshaw—For Clipping the Hair of Animals.

77094—C. W. Requa—Still for Distilling Hydro-Carbons.

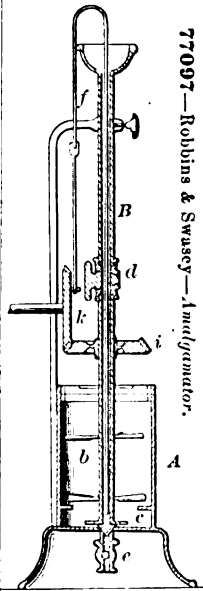


77095—C. T. Rileout—Rudder Gear

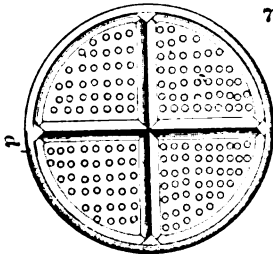
77096—H. R. Robbins—Tobacco Pipe.



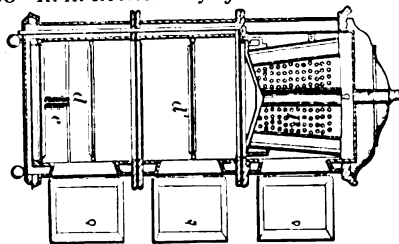
77100—J. Robinson—Lamp Chimney.



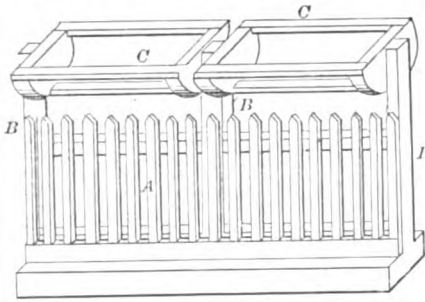
77097—Robbins & Swasey—Amylgator.



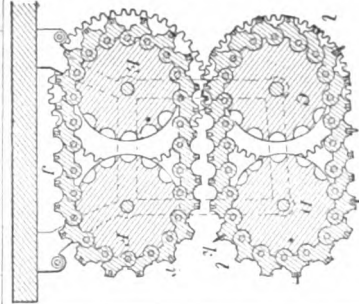
77098—H. A. Roberts—Refrigerator.



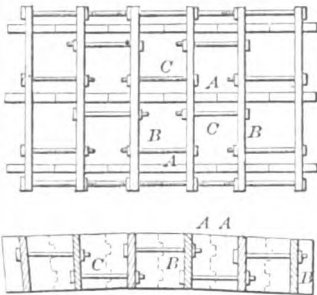
77101—H. W. Rutt—Poultry Yard Fence.



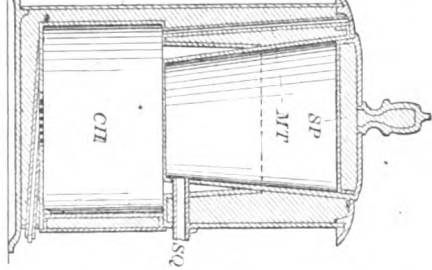
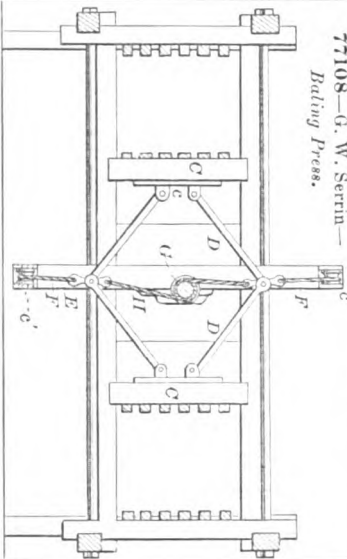
77102—C. E. Rymes—For Cutting Tobacco.



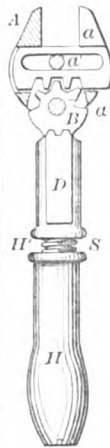
77103—J. Sanderson—Bridge.



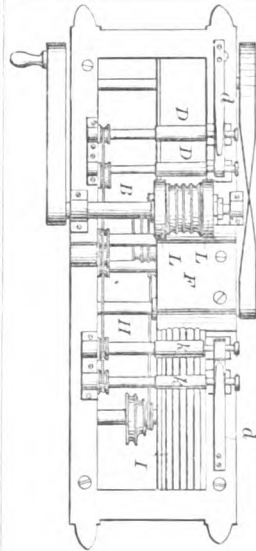
77106—C. C. Savery—Enamelled Water Cooler.

77108—G. W. Serrin—  
Baling Press.

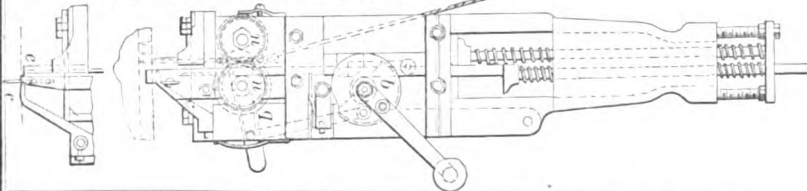
77107—T. A. Searle—Wrench.



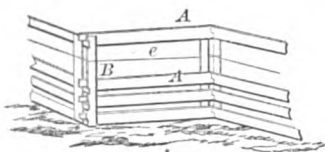
77105—D. R. Satterlee—For Manufacture of Slate Pencils.



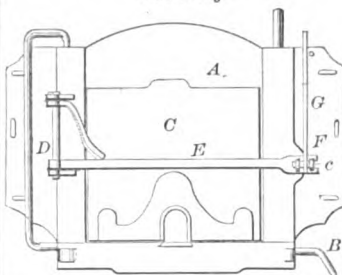
77104—J. F. Sargent—Nailing or Pegging Machine.



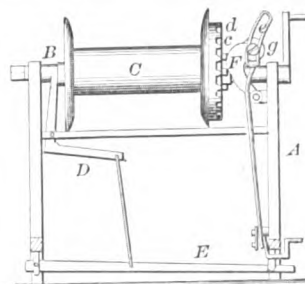
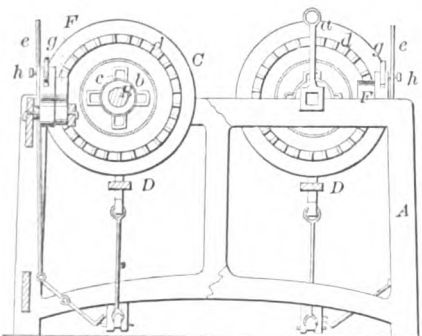
77109—N. L. Shaw—Fence.



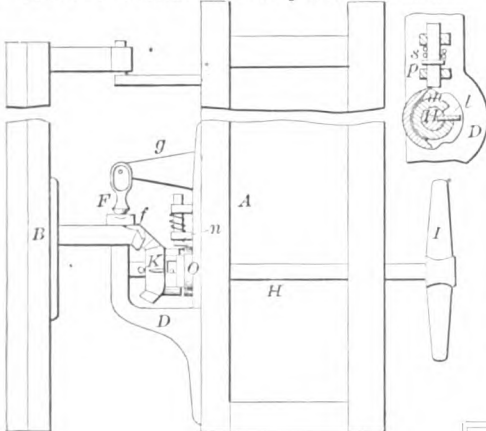
77112—P. E. Shaw—Furnace Door Fastening.



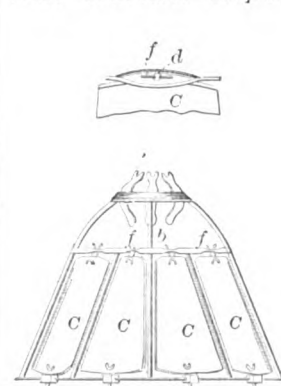
77110—S. S. Shaw—Oyster Winder.



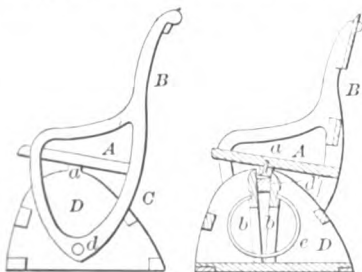
77114—T. J. Sloan—Operating Window Shutter.



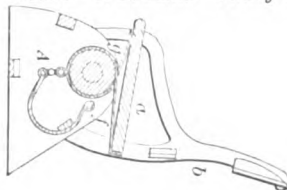
77115—A. A. Smith—Lamp Shade.



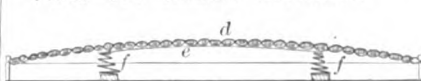
77117—C. D. Smith—Tilting Chair.



77116—C. D. Smith—Tilting Chair

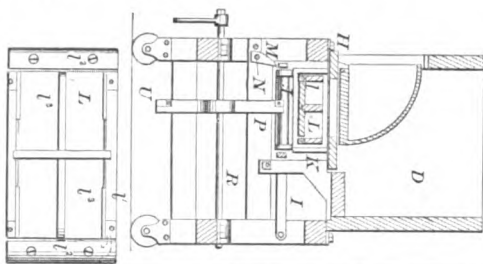


77113—P. P. Simmons—Bed Bottom.

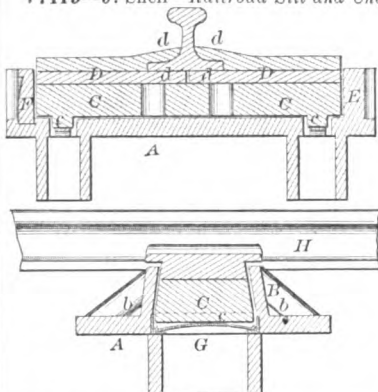
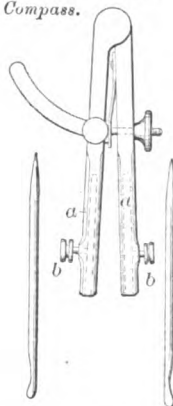




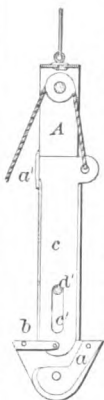
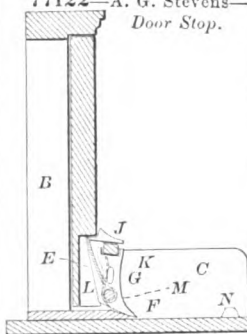
77118—Smith &amp; Florence—Brick Machine.

77121—O. B. Steele—  
Rule and Pocket Knife.

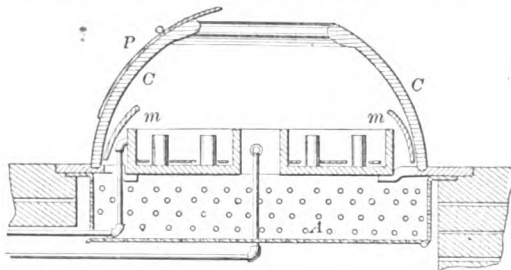
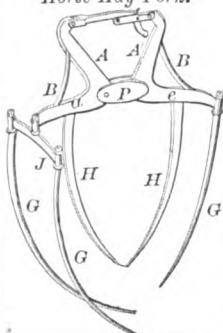
77119—J. Snell—Railroad Sill and Chair.

77123—H. Stewart—  
Compass.

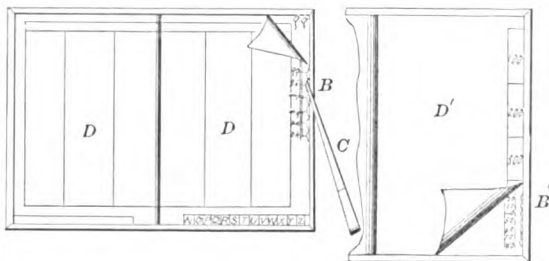
77120—N. Stary, Jr.—Horse Hay Fork.

77122—A. G. Stevens—  
Door Stop.

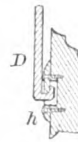
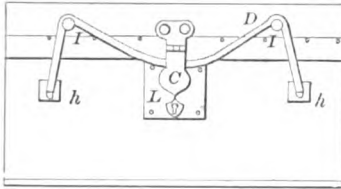
77124—F. T. Suhr—For Burning Hydro-Carbon.

77125—J. B. Sweetland—  
Horse Hay Fork.

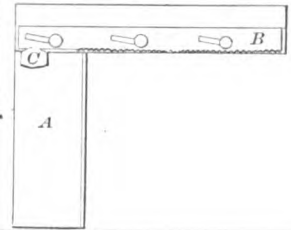
77126—J. H. Swindell—Indexing Book.



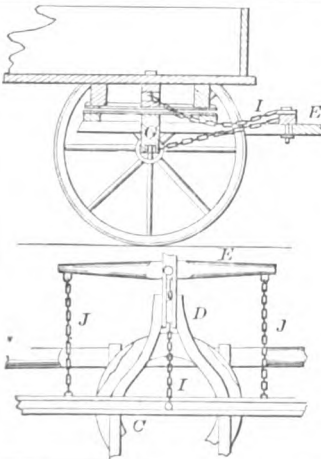
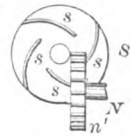
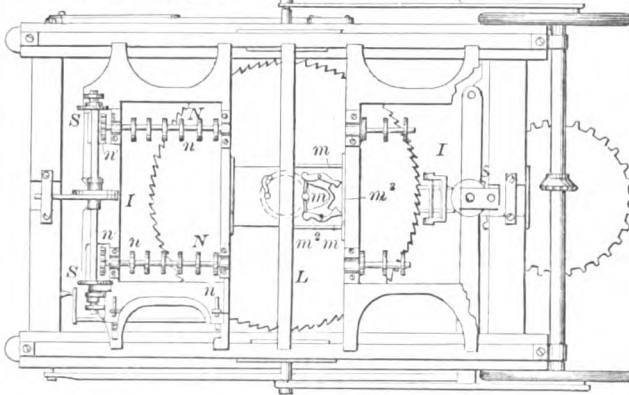
77127—C. A. Taylor—Trunk.



77130—E. J. Toof—Try Square.

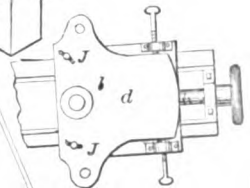
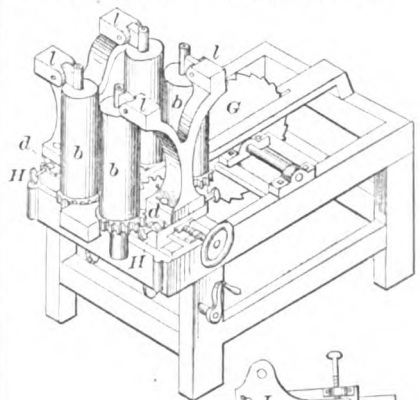


77128—A. Thompson—Shingle Machine.

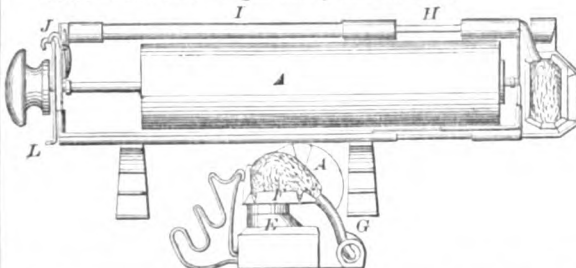


77132—L. & J. S. Van Pelt—Carriage Coupling.

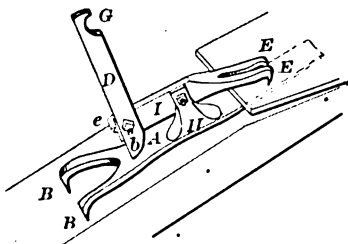
77129—Tompkins & Wright—Saw Mill.



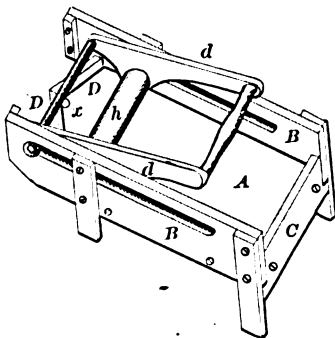
77131—E. J. Toof—Paper Clamp and Inkstand.



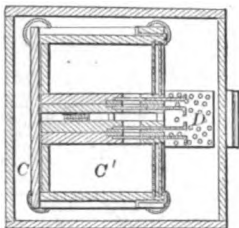
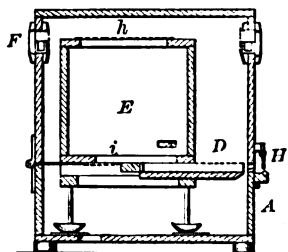
**77133**—S. D. Van Pelt—*Scaffold Bracket.*



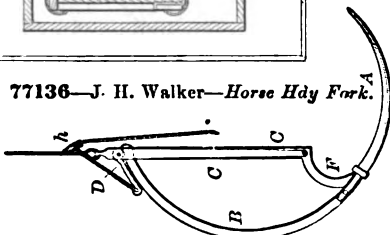
**77135**—E. P. Walker—*Butter Worker.*



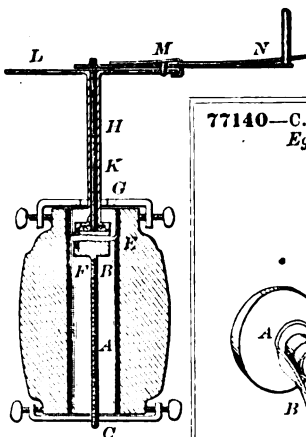
**77139**—J. Wash—*Beehive.*



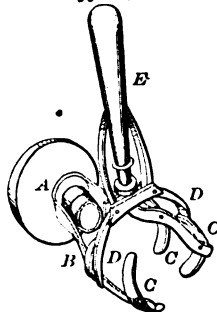
**77136**—J. H. Walker—*Horse Hay Fork.*



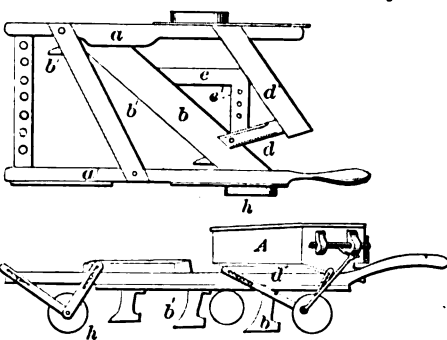
**77137**—J. W. Walters—*For Doring Hubs.*



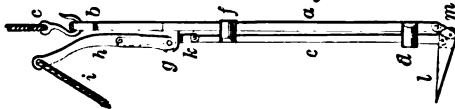
**77140**—C. D. P. Watters—*Egg Cvp.*



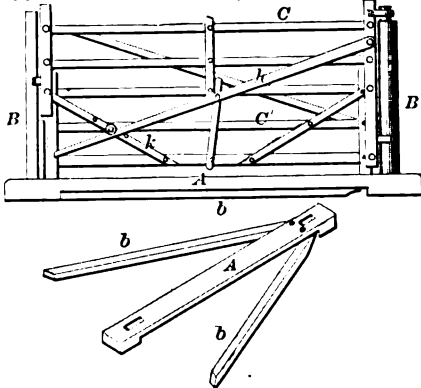
**77141**—J. B. Webster—*Seed Sower and Gang Plow.*



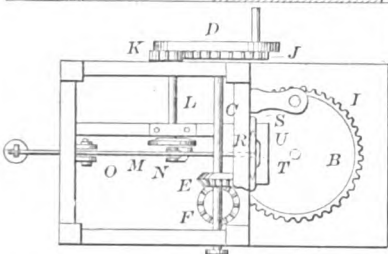
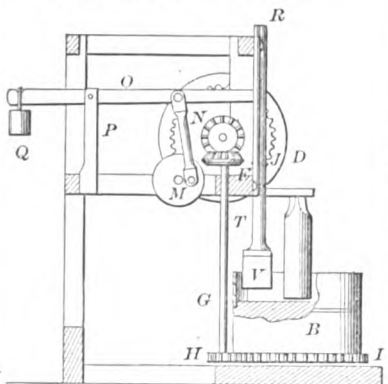
**77134**—E. L. Walker—*Horse Hay Fork.*



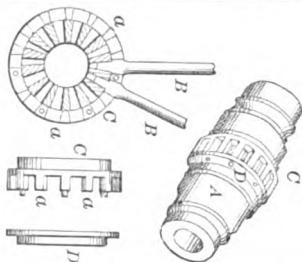
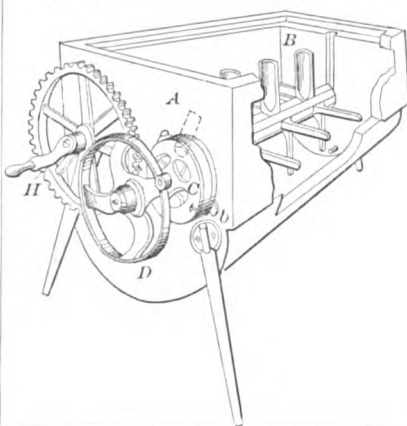
**77142**—Weirich & Smith—*Farm Gate.*



77143—C. Welte—Meat Cutter.

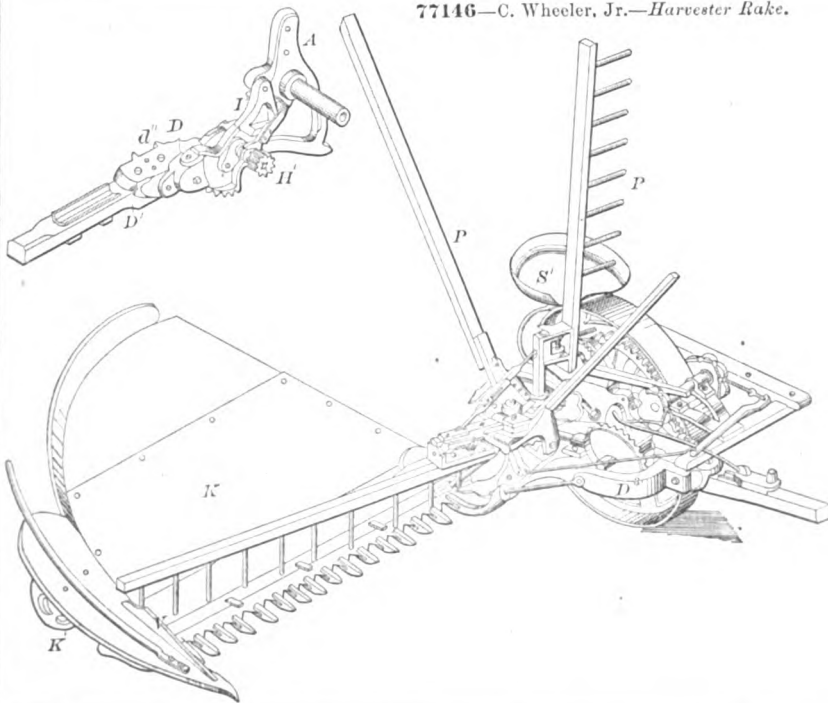


77144—A. Westcott—Churn.

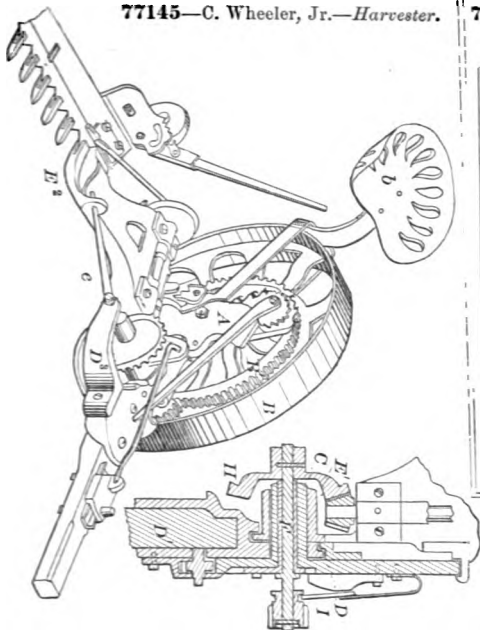


77147—M. Whelan—  
Carriage Hub.

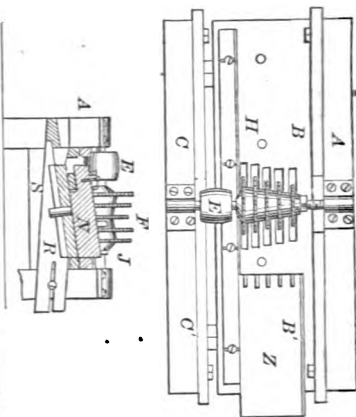
77146—C. Wheeler, Jr.—Harvester Rake.



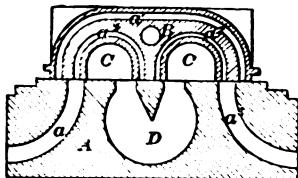
77145—C. Wheeler, Jr.—Harvester.



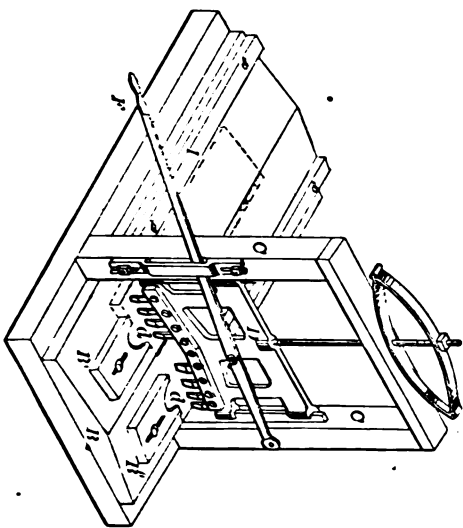
77148—T. D. White—Dovetail Machine.



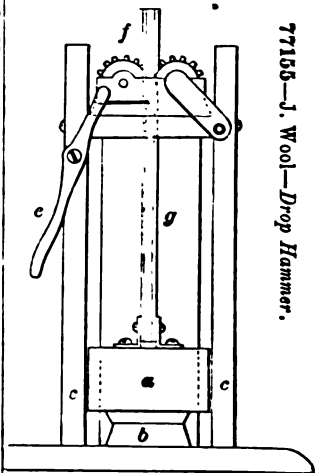
77152—W. Wilson—Slide Valve.



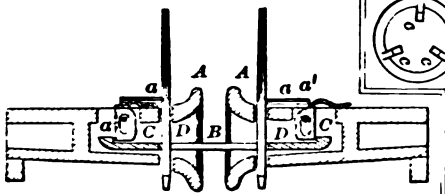
77149—T. D. White—For Making Dovetail Mortises.



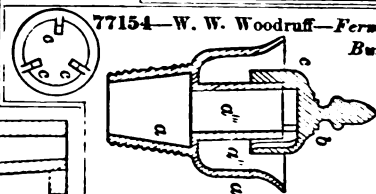
77155—J. Wool—Drop Hammer.



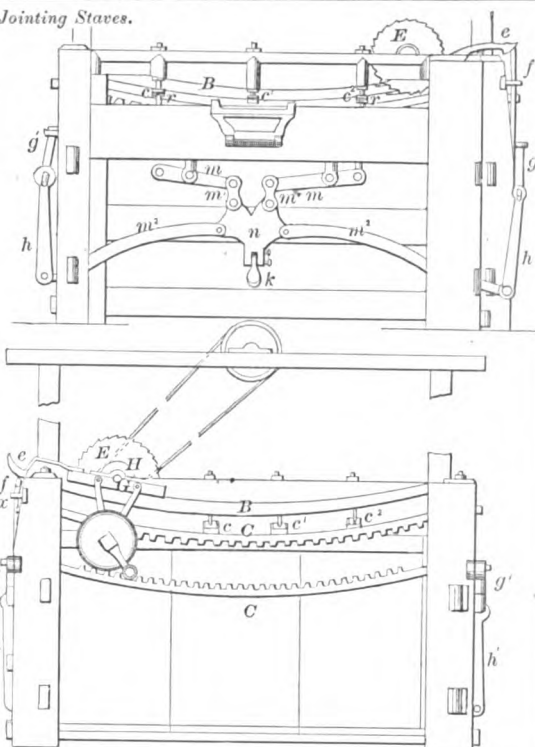
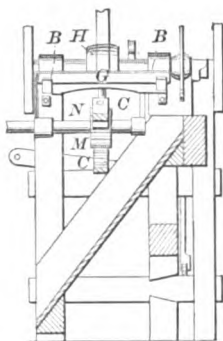
77150—Wickersham &amp; Roush—Car Coupling.



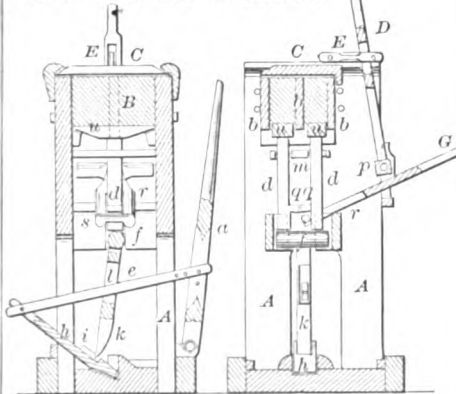
77154—W. W. Woodruff—Fermentation Bung.



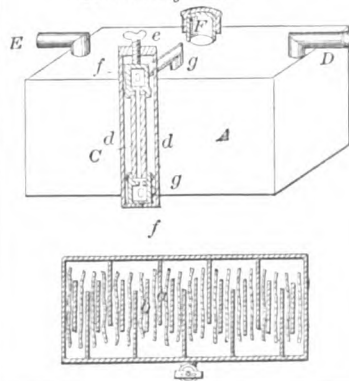
77151—H. S. Wiley—For Jointing Staves.



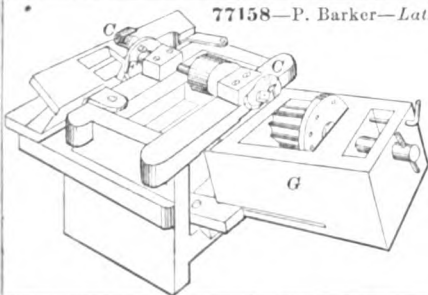
77153—J. H. Wirt—Brick Press.



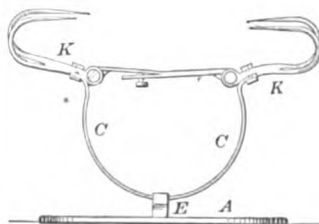
77156—W. H. Laubach—For Carbonizing Gas.



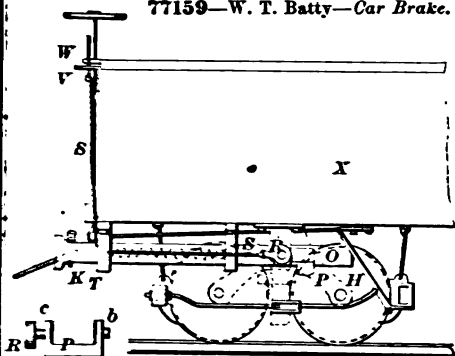
77158—P. Barker—Lathe.



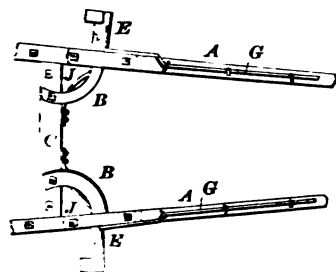
77157—A. J. Adams—Animal Trap.



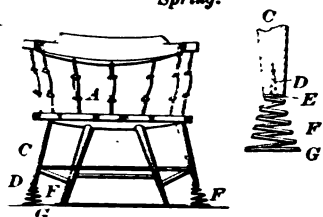
77159—W. T. Batty—Car Brake.



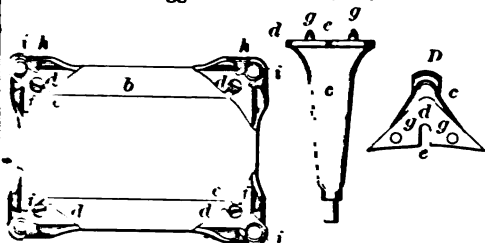
77162—J. A. Bower—Carriage Lock.



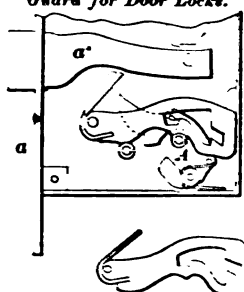
77161—A. M. Blake—Chair Spring.



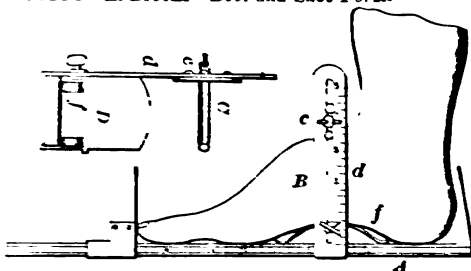
77164—J. Briggs—Piano Forte Stool.



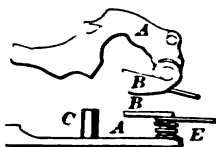
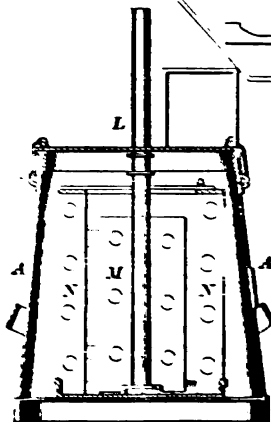
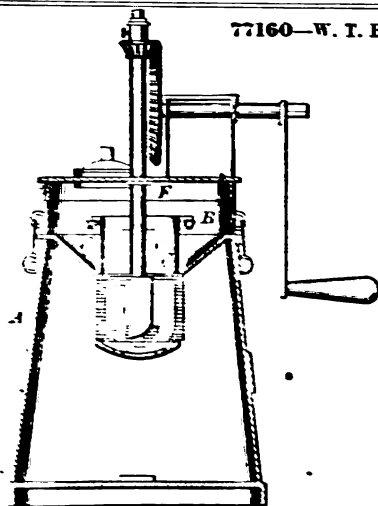
77165—A. T. Brooks—Key Hole Guard for Door Locks.



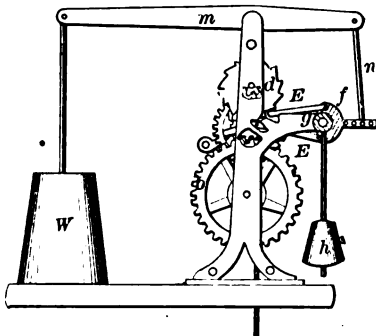
77166—L. Brooks—Boot and Shoe Form.



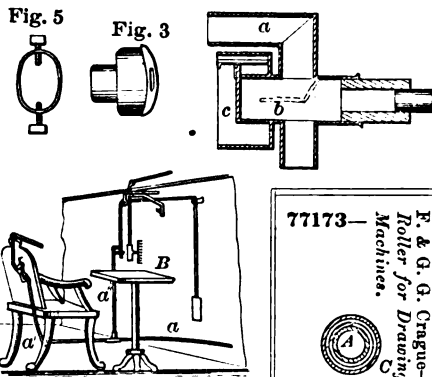
77160—W. T. Best—Churn.



77167—C. P. Carter—*Mechanical Power.*



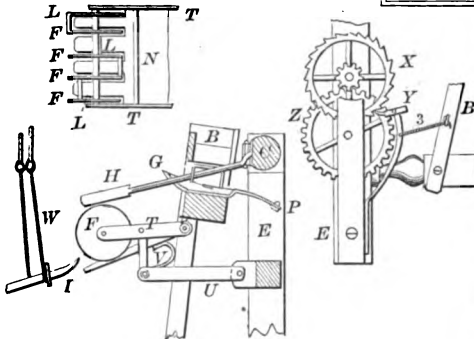
77168—W. Z. W. Chapman—*Inhaling Gas.*



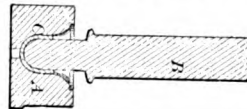
77173—*F. & G. G. Crague—  
Roller for Drawing  
Machines.*



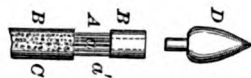
77169—G. Cliff—*Loom.*



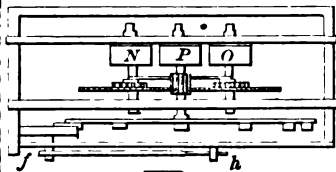
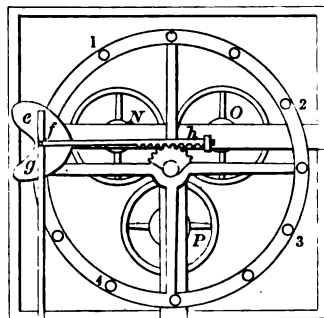
77170—J. H. Cole—*Ferrule Die.*



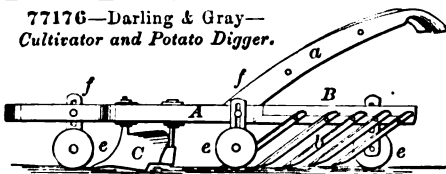
77171—T. B. Conklin—*Drive Well.*



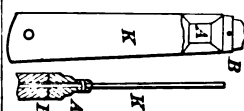
77172—Corbit, Orput & Case—*Churn.*



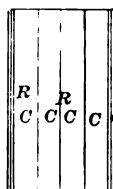
77176—Darling & Gray—*Cultivator and Potato Digger.*



77175—R. E. Curtis—*Cutlery.*

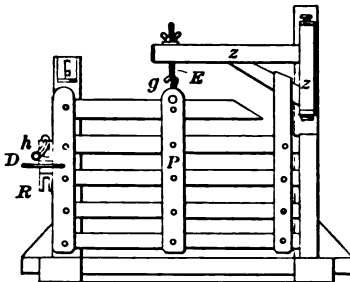
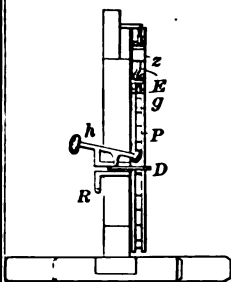
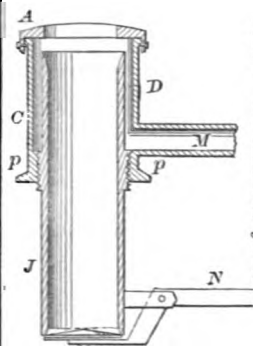
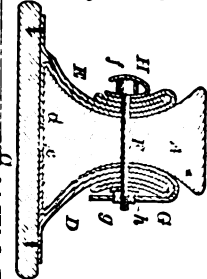


77177—C. De Haes—*Hoofing Buttrings.*



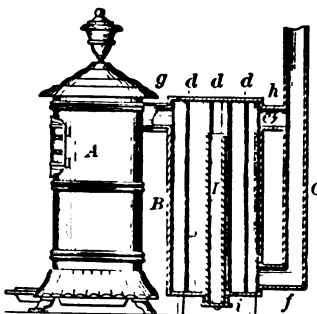
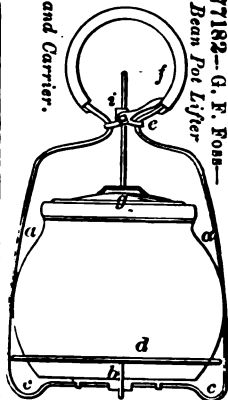
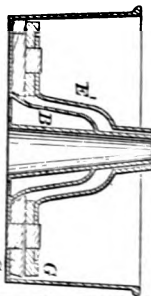
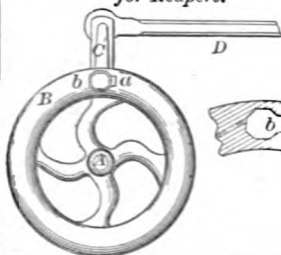
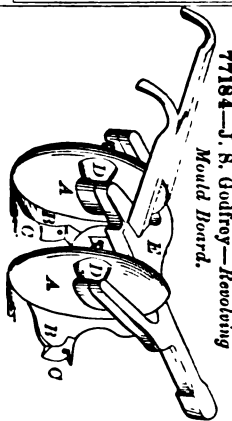


77174—J. Curtis—Farm Gate.

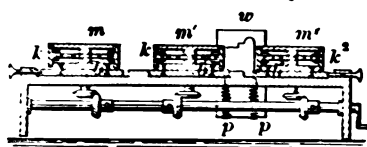
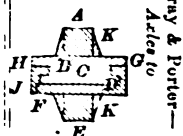
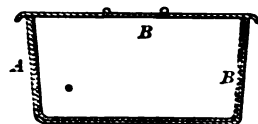
77180—R. Elliott—  
Railway Rail Splice.

77178—L. Donnell—Tugger.

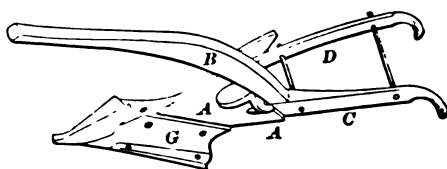
77179—N. Downes—Stove Drum.

77182—G. F. Foss—  
Bean Pot Lifter  
and Carrier.77181—J. H. Elward—Wrist Pin  
for Reapers.77183—S. Fountain—  
Amalgamator.77184—J. S. Godfrey—Revolving  
Mould Board.

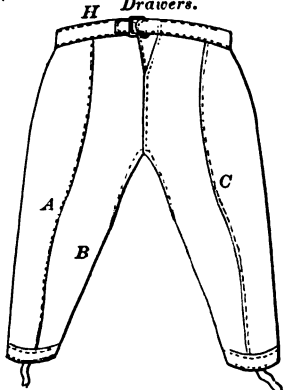
77187—H. R. Hall—Enameling Machine.

77185—Gray & Porter—  
Attaching Axles to  
Vehicles.77186—C. O. Greene—Preventing  
Corrosion of Cast Iron Vessels.

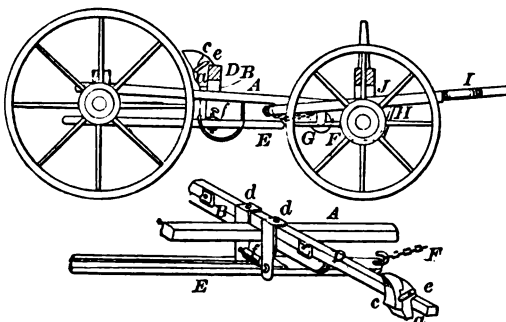
77188—J. S. Hall—P'low.



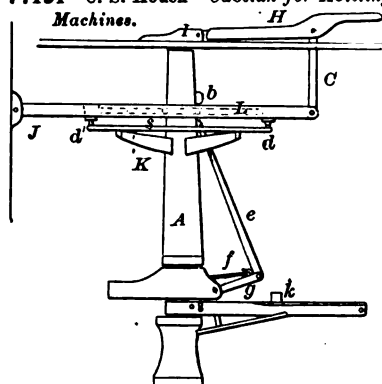
77189—H. Heath—Cloth Drawers.



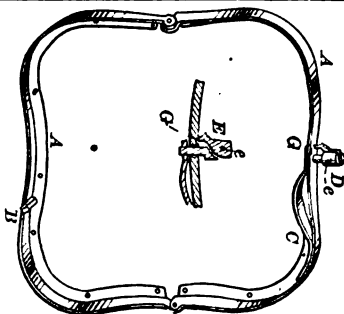
77190—S. S. Henderson—Wagon Brake.



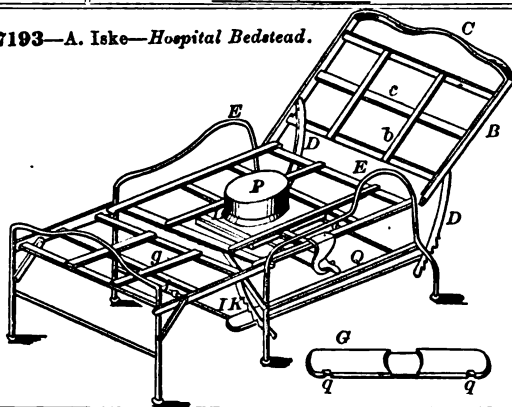
77191—C. S. Houck—Cavestan for Hoisting Machines.



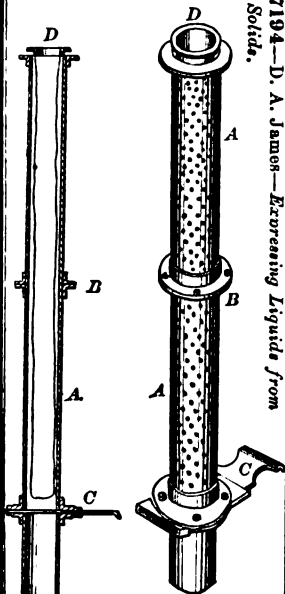
77192—J. C. Iden—Safety Pocket.



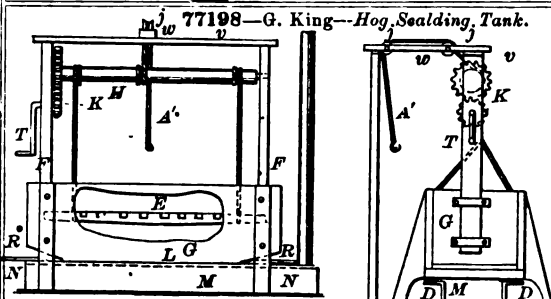
77193—A. Iske—Hospital Bedstead.



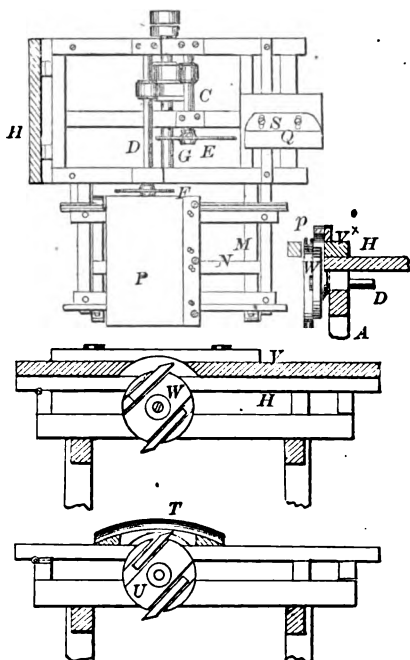
77194—D. A. James—Excreting Liquids from Solids.



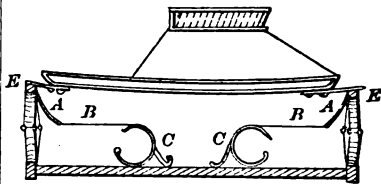
77198—G. King—Hog-Scalding Tank.



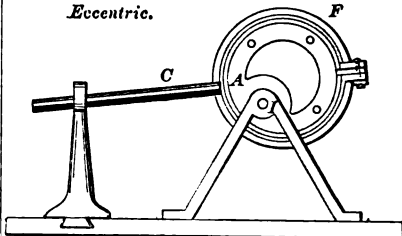
77195—T. Jenkyn—Sawing Machine.



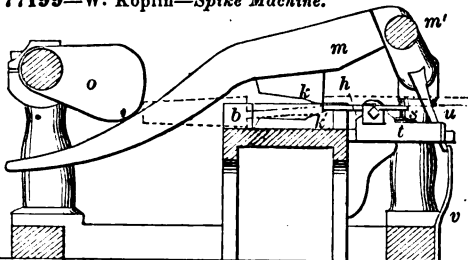
77196—I. D. Johnson—Carriage Check Brace.



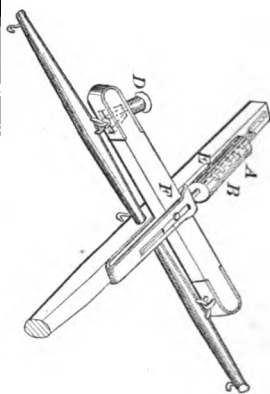
77197—Keeler &amp; Avery—Variable Eccentric.



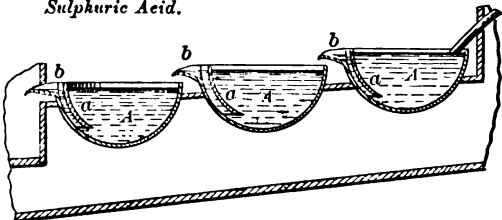
77199—W. Koplin—Spike Machine.



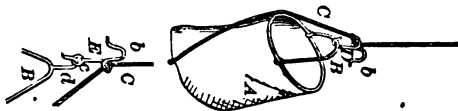
77200—Lafavor &amp; Laramay—Equalizer.



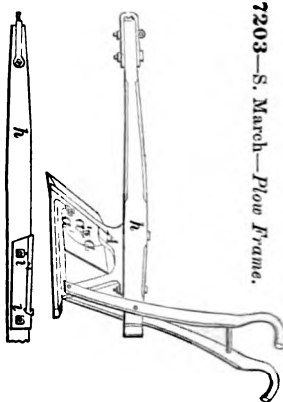
77202—Marcelin &amp; Saunders—Pan for Concentrating Sulphuric Acid.



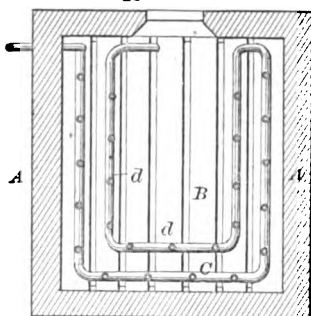
77201—W. I. Ludlow—Fruit Bag.



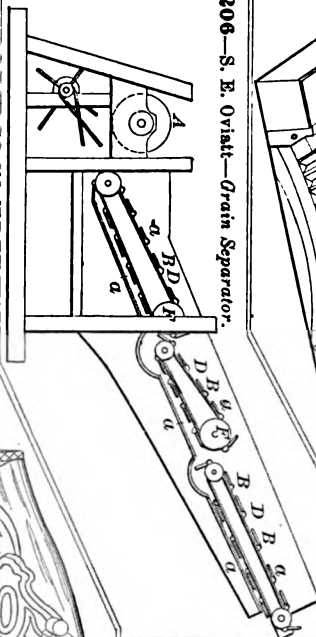
77203—S. March—Plow Frame.



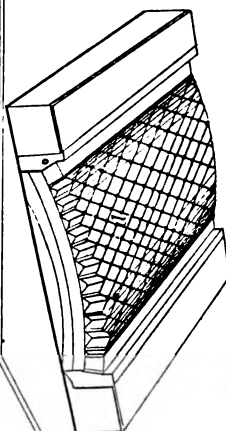
77205—F. I. Norton—Drying Apparatus.



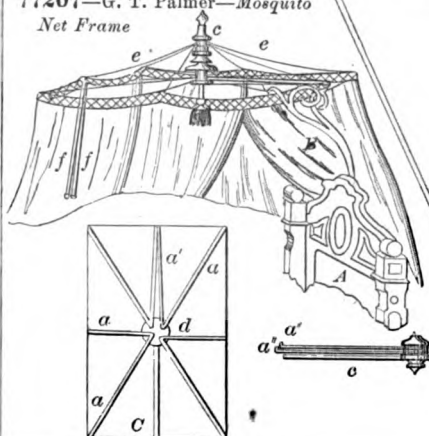
77206—S. E. Orist—Grain Separator.



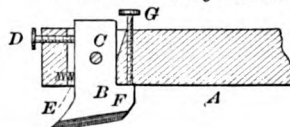
77208—J. T. Parson—Roadway Pavement.



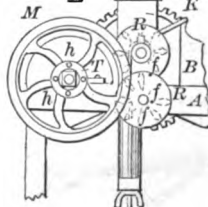
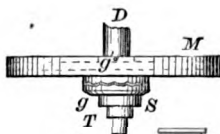
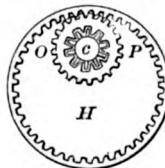
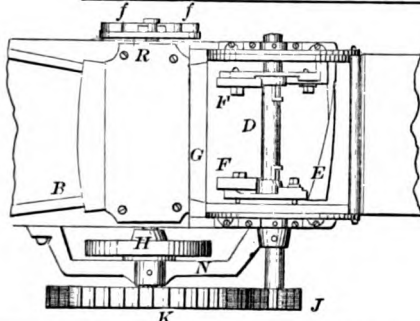
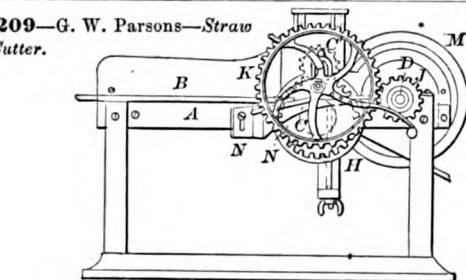
77207—G. T. Palmer—Mosquito Net Frame



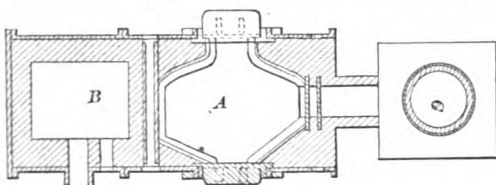
77211—E. T. Prindle—Cutting Tool for Planing and Milling Machines.



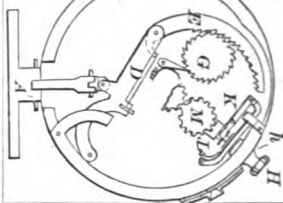
77209—G. W. Parsons—Straw Cutter.



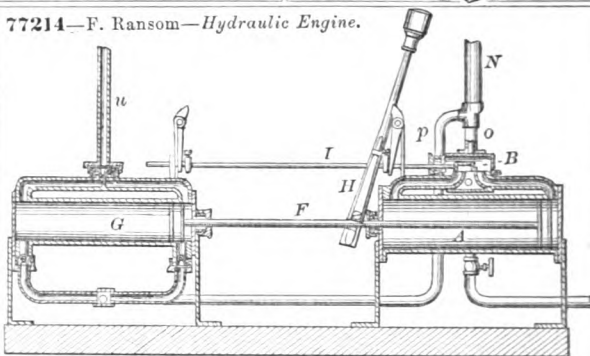
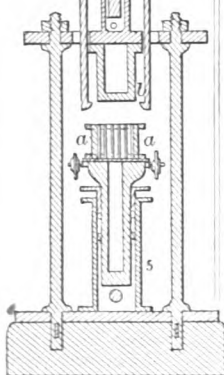
77210—J. Player—Manufacture of Malleable Iron.



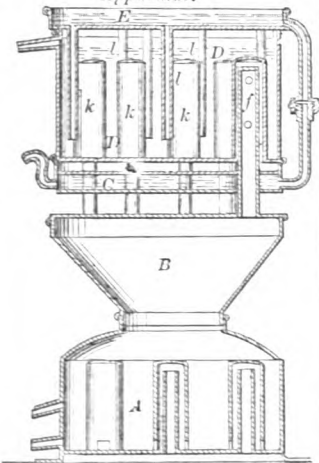
77213—U. H. Ramuz—Self-Winding Watch.



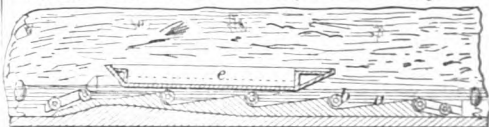
77214—F. Ransom—Hydraulic Engine.



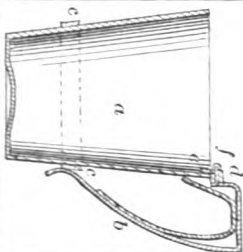
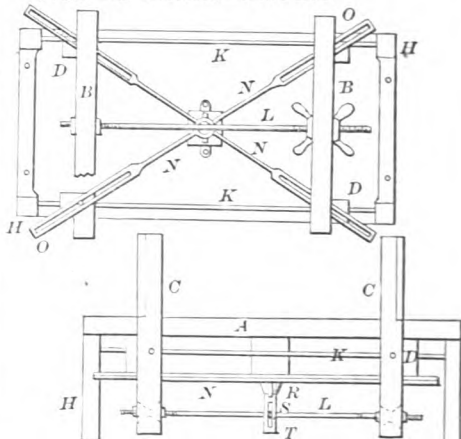
77216—J. Riley—Distilling Apparatus.



77212—J. A. Putnam—Chute for River Navigation.

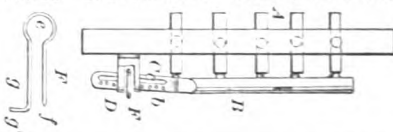


77217—C. Robinson—Mitre Box.

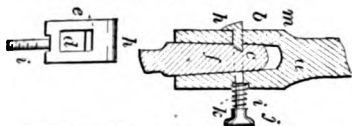


77215—C. Reistle—Tumbler Holder.

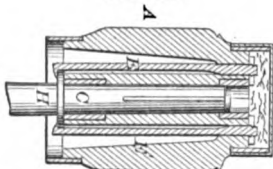
77218—T. F. Rockwell—Blind Slat Fastening.



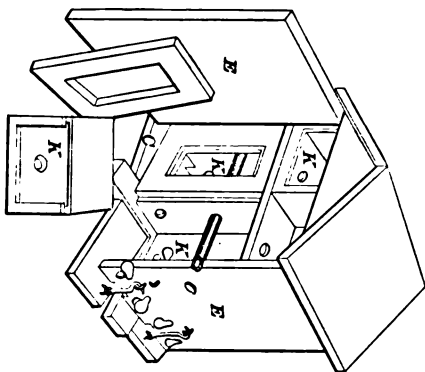
77219—S. C. Randlett—*Bit Brace.*



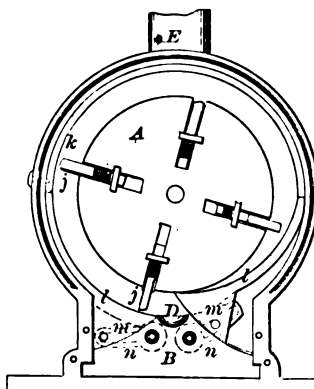
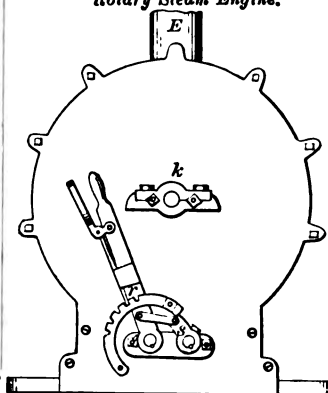
77220—G. W. Sawin—*Attaching Wheels to Axles.*



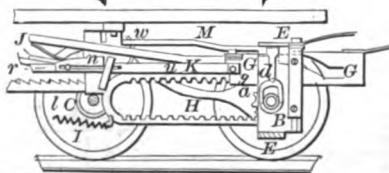
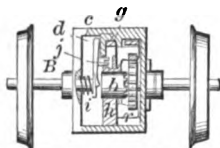
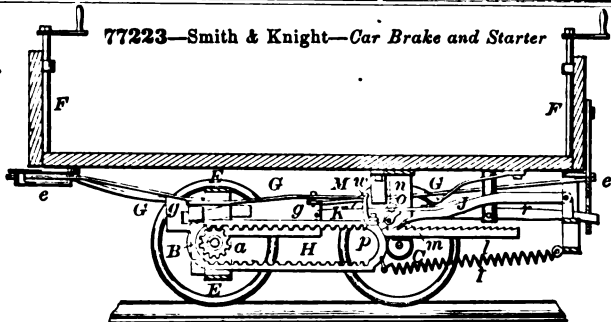
77222—W. M. Simpson—*Bee House and Hive.*



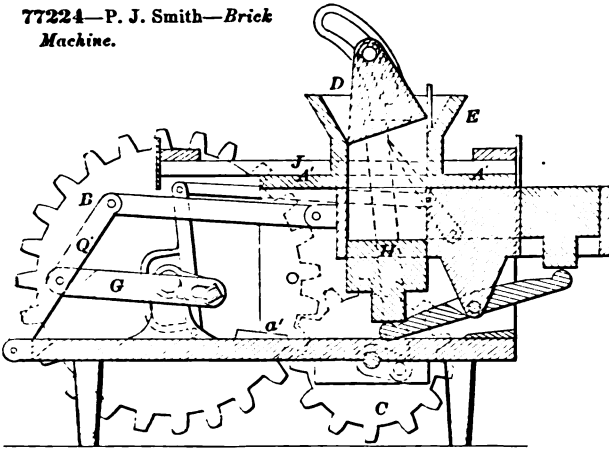
77221—Shellenback & Augsburg—*Rotary Steam Engine.*



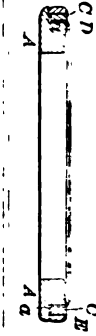
77223—Smith & Knight—*Car Brake and Starter*



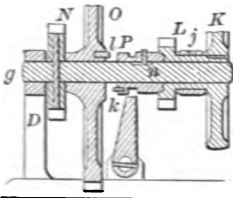
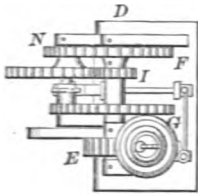
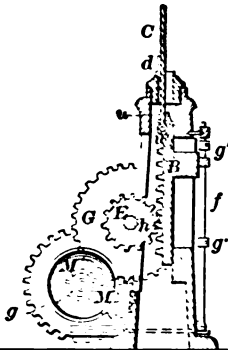
77224—P. J. Smith—Brick  
Machine.



77228—O. A. Watkins—Chair Seat.



77225—Smith & Eddy—  
For Cutting Key Seats



77226—D. E. Some—For Consuming Smoke and Gas.

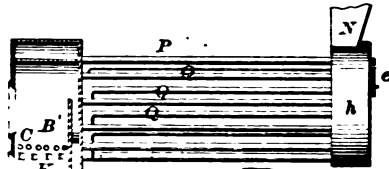
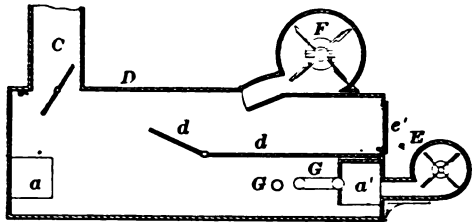
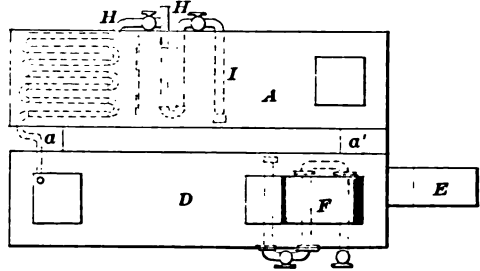


Fig. 11

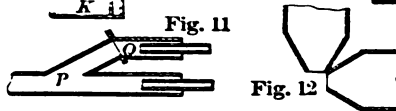
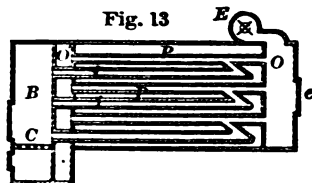
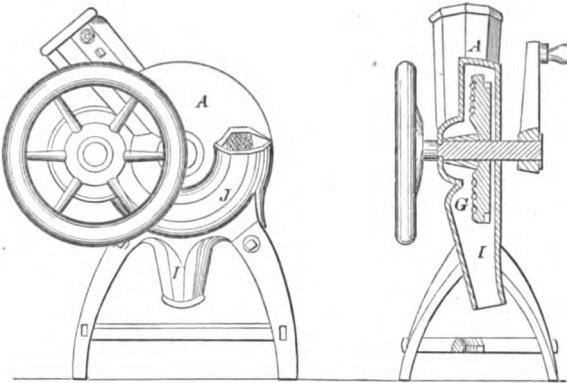


Fig. 12

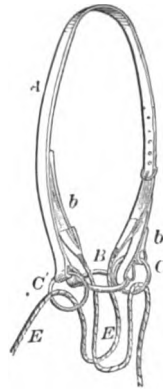
Fig. 13



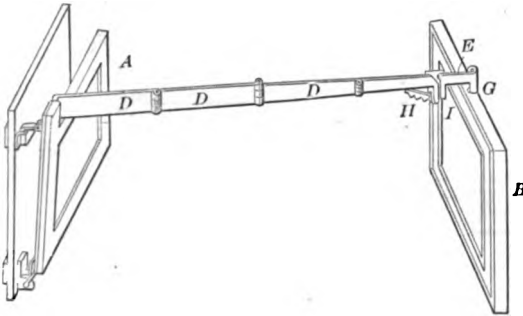
77227—J. Warren—Corn Sheller.



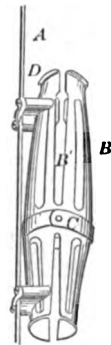
77235—S. V. R. York—  
Bitting Attachment.



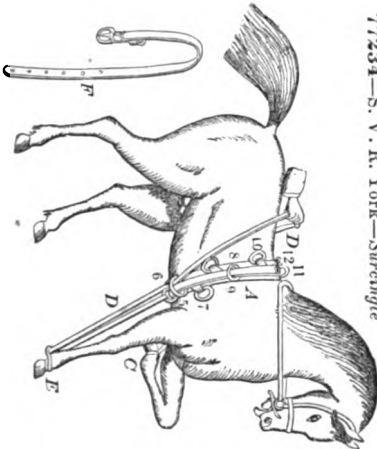
77229—U. A. Woodbury—Looking Glass.



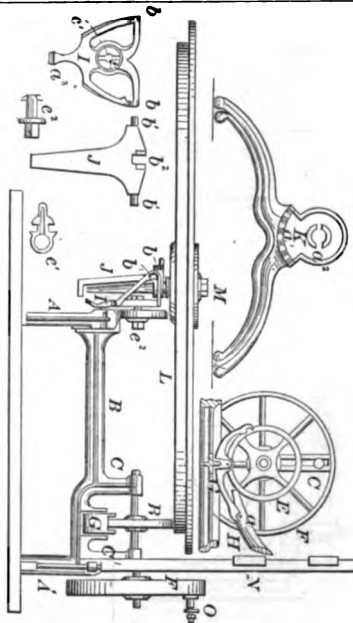
77233—A. Worden—Whip Holder.



77234—S. V. R. York—Surcingle.

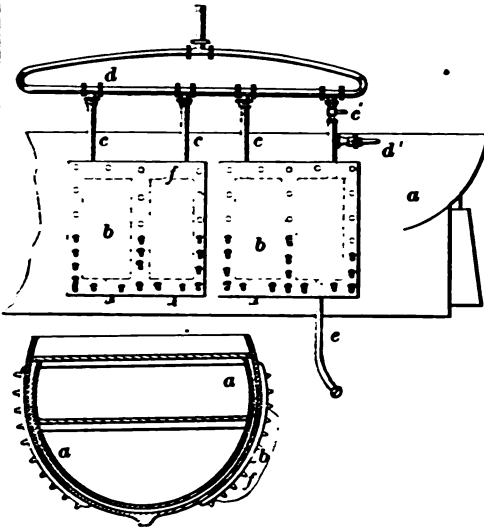


77236—J. J. Adgate—Animal Power.

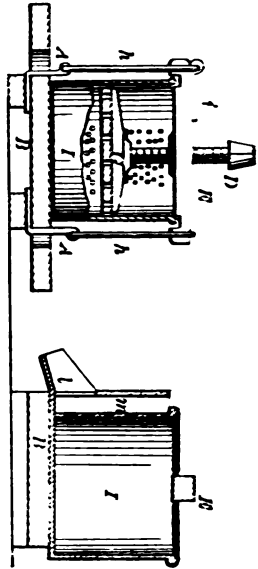




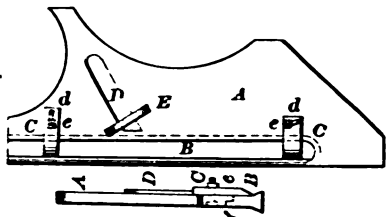
77237—G. M. Allerton—For Raising Sunken Vessels.



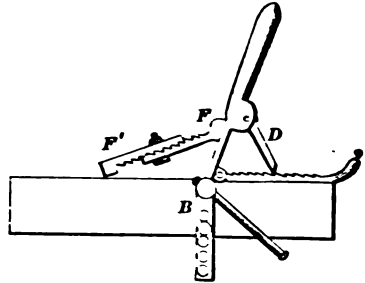
77230—R. N. Avila—Lard Press.



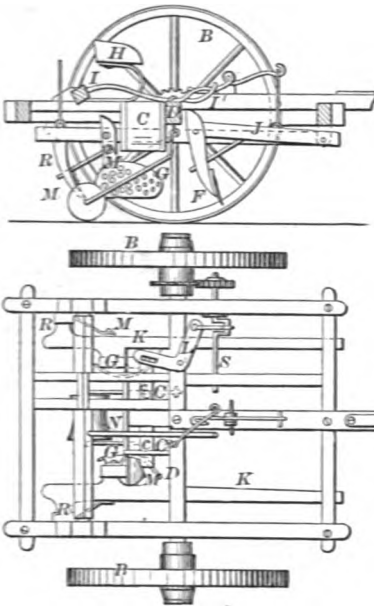
77242—J. Bacon—Floor Land Side.



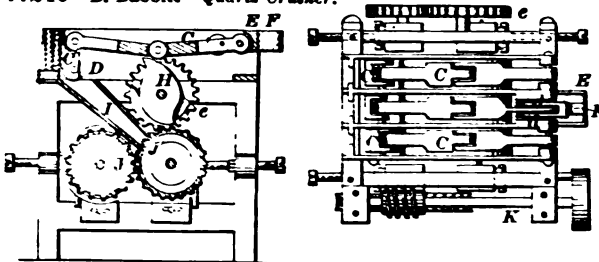
77243—J. H. Baker—Floor Clamp.



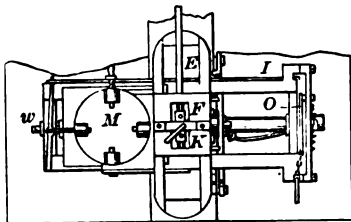
77238—I. B. Arthur—Corn Flow, Planter and Cultivator.



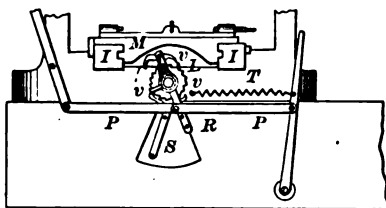
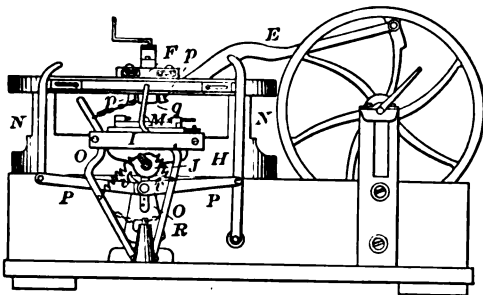
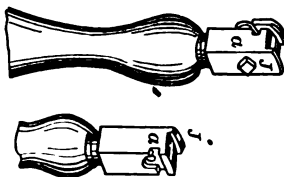
77240—B. Babbitt—Quartz Crusher.



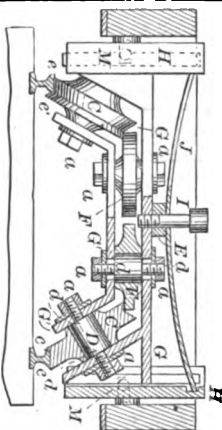
**77241—J. S. L. Babbs—*For Making Pegs.***



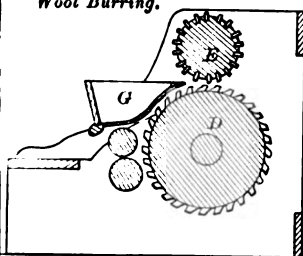
**77246—J. Blease—Fore Part Iron.**



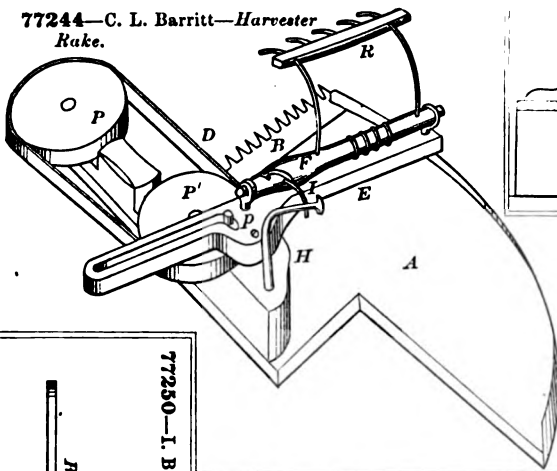
**77248—S. Y. Bradstreet—Safety Truck**



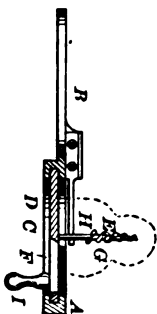
**77249—L. Brumbach—For Wool Burring.**



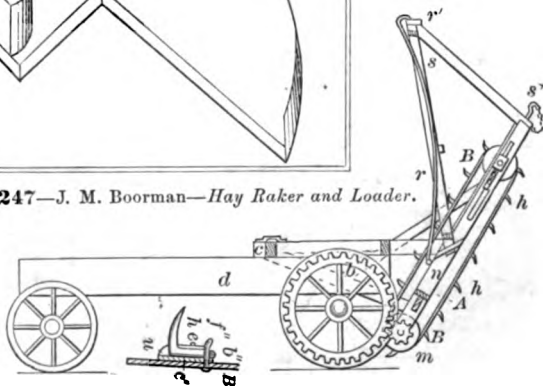
**77244**—C. L. Barritt—*Harvester  
Rake.*

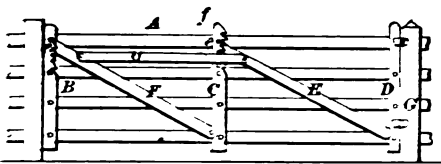
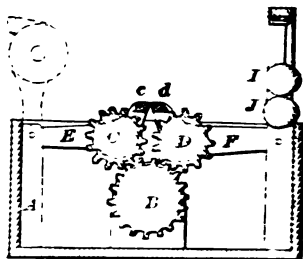
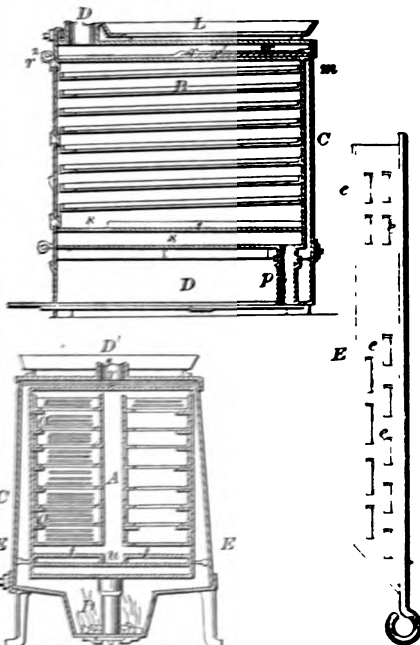
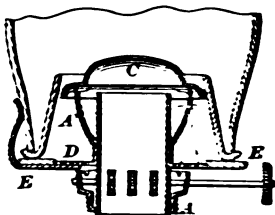
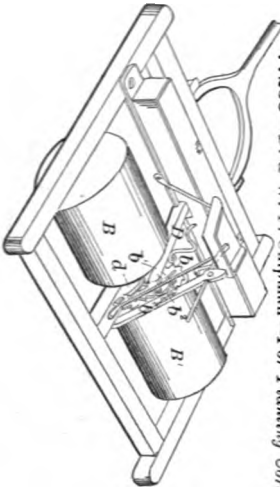
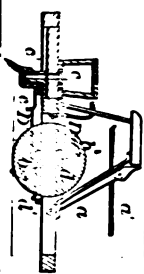
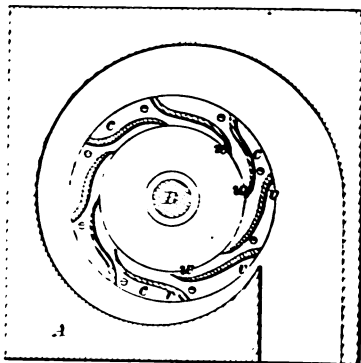
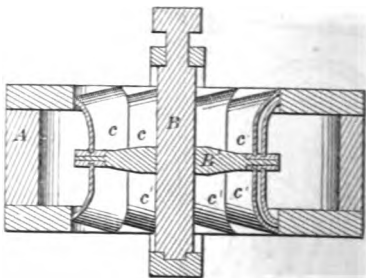


**77250—I. Bullard—Vegetable Slicer.**

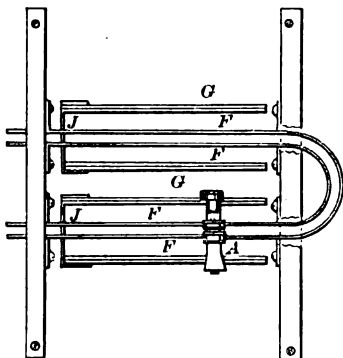
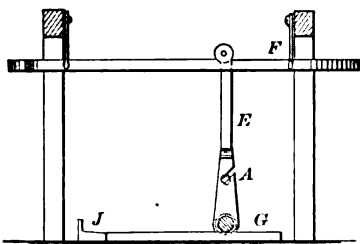


**77247**—J. M. Boorman—*Hay Raker and Loader.*

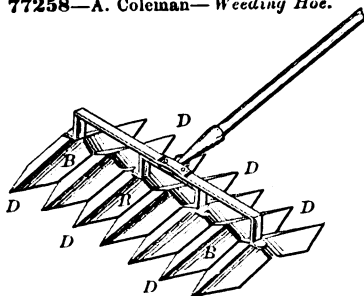


77251—E. P. H. Capron—*Farm Gate*77252—Case & Johnson—*Washing Machine*77253—S. L. Cheyney—*Dryer*77254—G. Chincock—*Lamp Burner*77255—J. Clark—*Water Wheel*77255—D. & W. F. Chipman—*For Planting Corn*

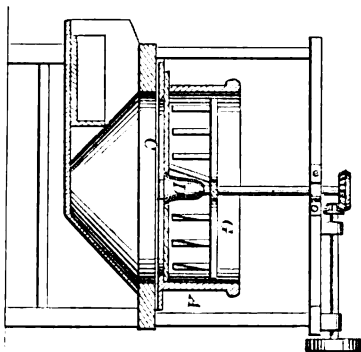
**77257—J. H. Cole—Roofing Machine.**



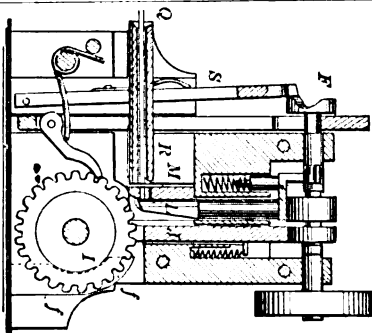
**77258—A. Coleman—Weeding Hoe.**



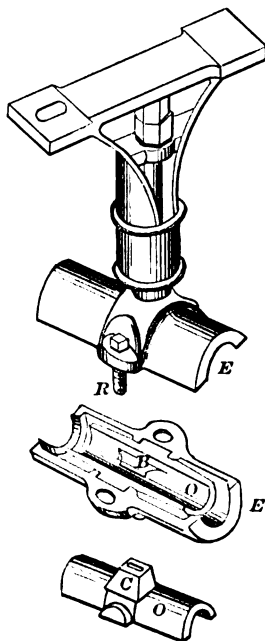
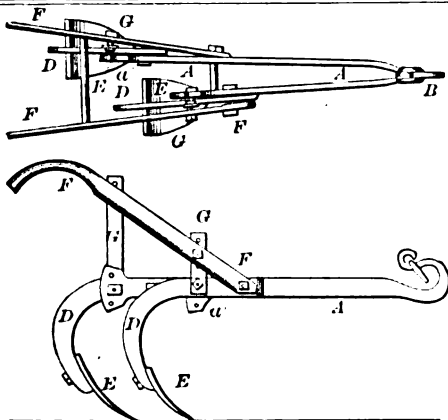
**77259—J. B. Cox—For Disintegrating  
Ores.**

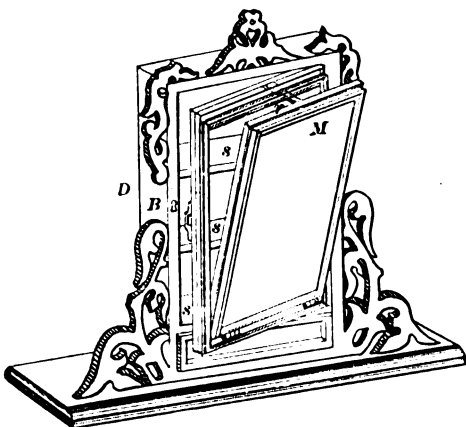
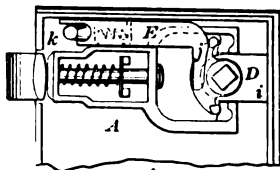
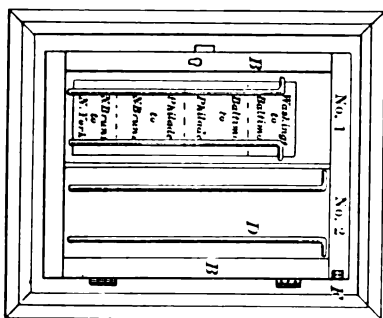
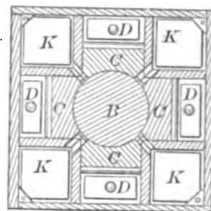
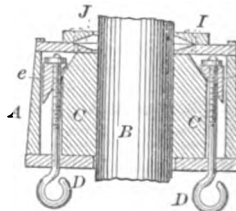
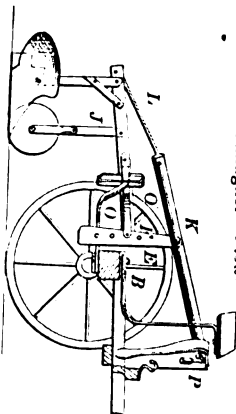
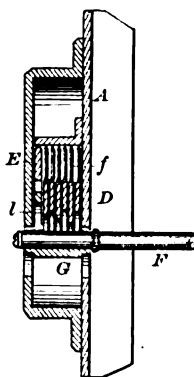
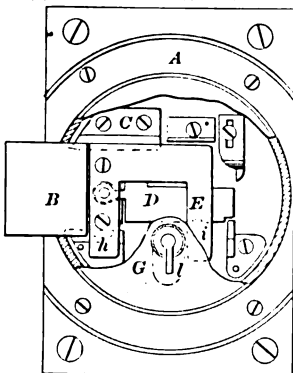
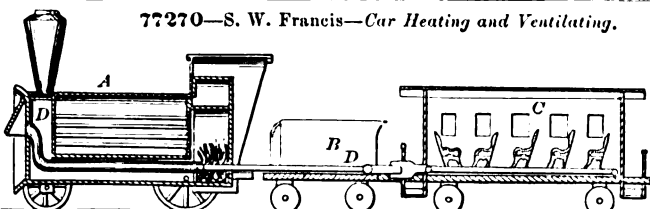
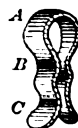


**77262—F. Davison—Nail Machine.**

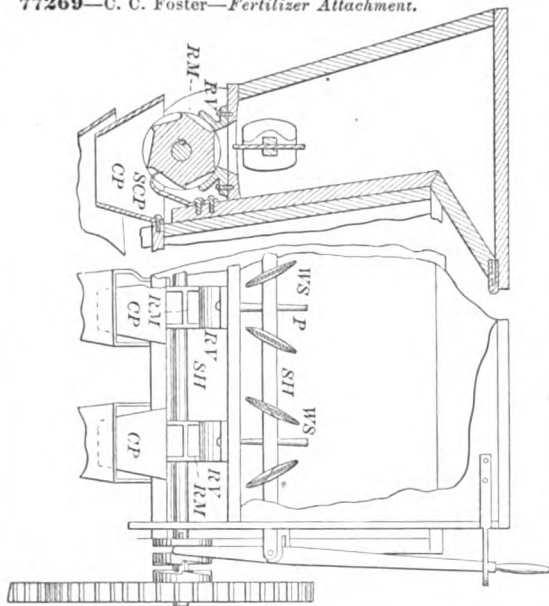


**77261--W. W. Crane—Self-Lubricating Box for Shafting.**

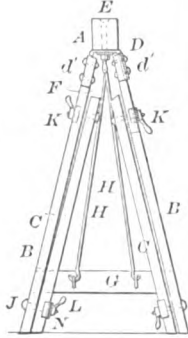
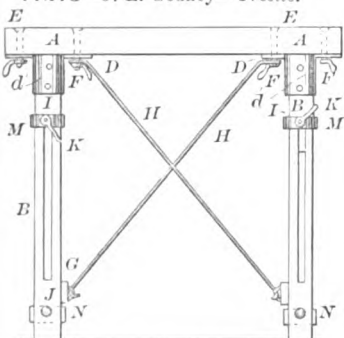
77260—A. J. Craig—*Double Shovel Plow.*

**77263**—H. W. Eastman—*Bureau Toilet Attachment.***77264**—H. H. Elwell—*Reversible Knob Latch.***77265**—J. M. Evril—*Mill Bush.***77266**—O. G. & S. G. Kessenden—*Ticket Holder for Railroad Car, etc.***77267**—W. D. Field—*Door Lock.***77272**—W. Gallagher—*Plow.***77270**—S. W. Francis—*Car Heating and Ventilating.***77268**—P. Finley—*Clothes Pin.*

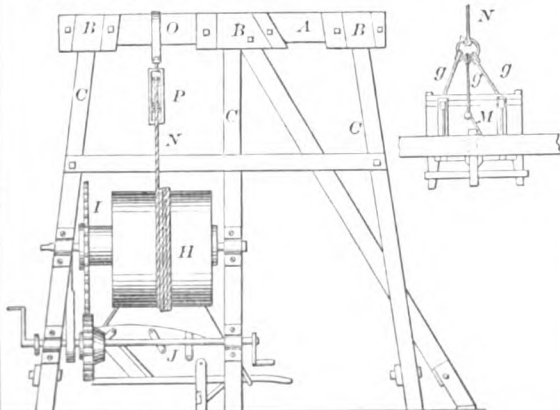
77269—C. C. Foster—Fertilizer Attachment.



77273—J. E. Gedney—Trestle.



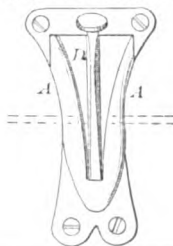
77271—C. Fricke—Derrick.



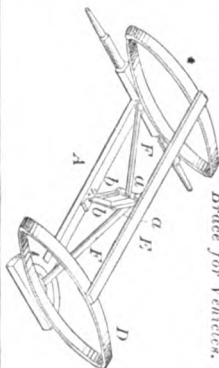
77275—J. Glanding—Steam Engine Packing.



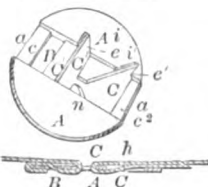
77274—J. W. Gladding—Clothes Line Holder.

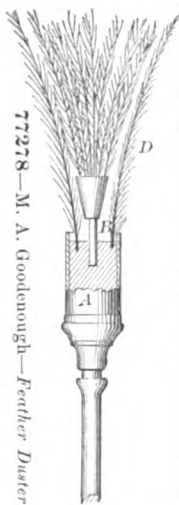


77276—C. C. Glason—Spring and Body Brace for Vehicles.

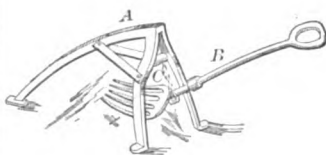


77277—J. H. Gooch—Cotton Bale Tie.

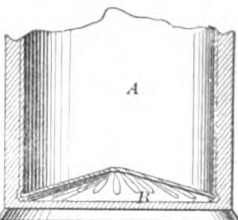




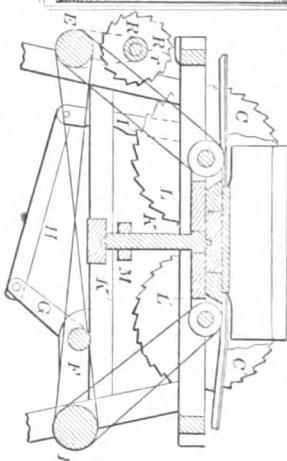
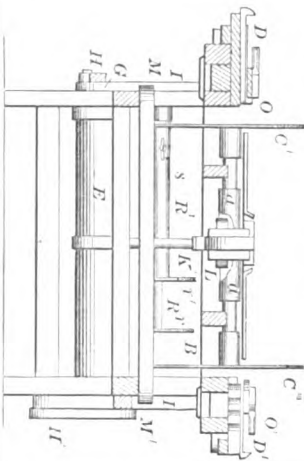
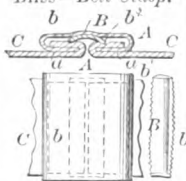
77279—A. Graves—Potato Digger.



77280—J. L. Hadden—Water Cooler.

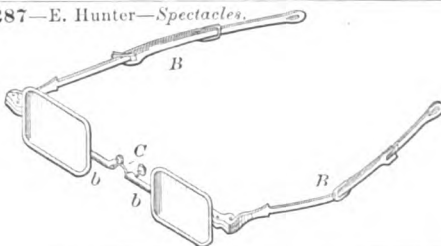


77282—Hawes &amp; Bliss—Belt Clasp.

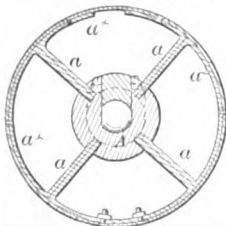


77283—S. Head—Shingle Machine.

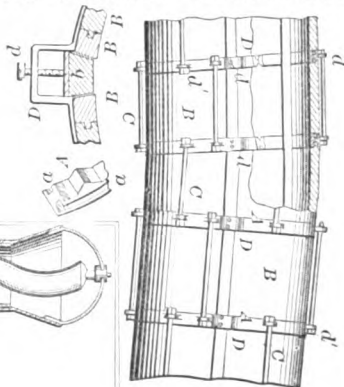
77287—E. Hunter—Spectacles.



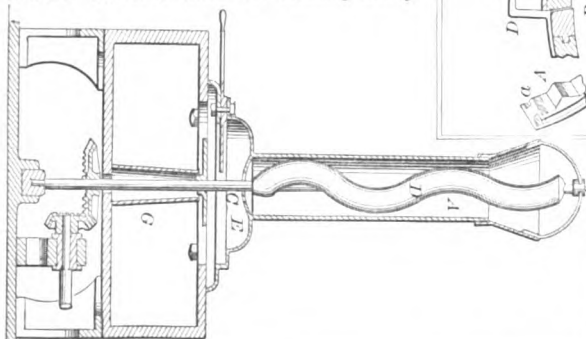
77284—F. Hewitt—Pulley.



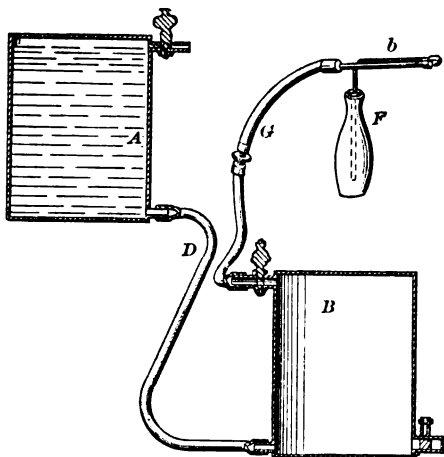
77285—W. F. Holske—Tubular Structure.



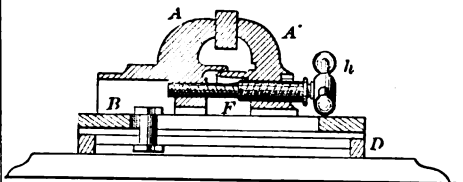
77281—Hawes &amp; Bliss—For Cleaning Emery.



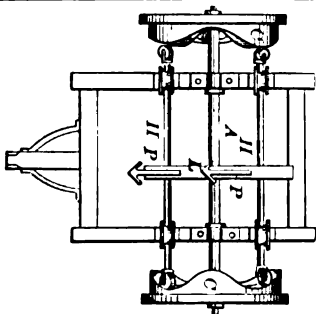
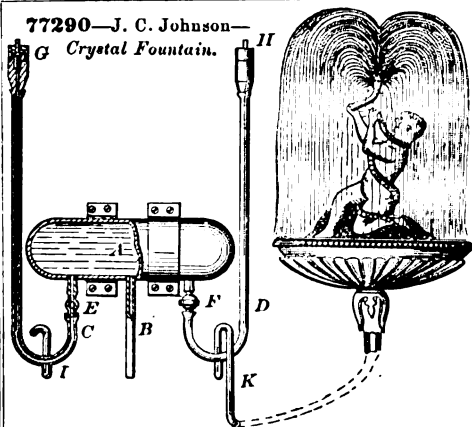
77286—C. H. Hudson—*For Diffusing Liquids.*



77289—A. Jameson—*Vise.*

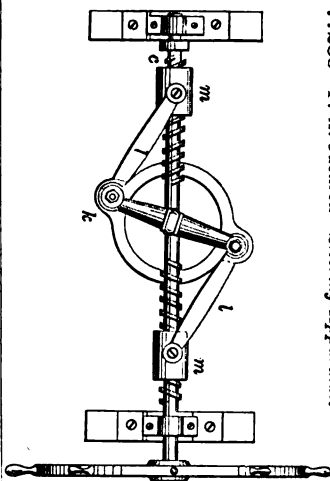


77290—J. C. Johnson—*Crystal Fountain.*

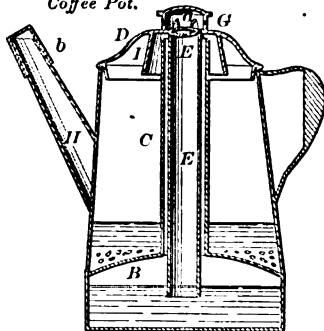


77292—I. J. Kidd—*Cotton Sereper.*

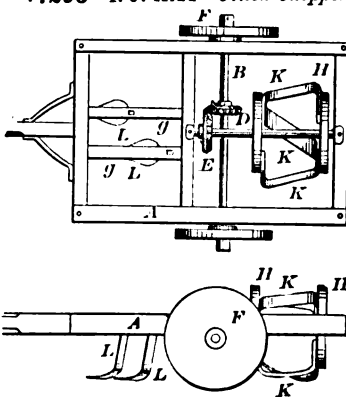
77288—P. H. Jackson—*Steering Apparatus.*



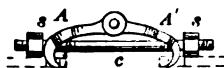
77291—A. C. Kasson—*Tea and Coffee Pot.*



77293—I. J. Kidd—*Cotton Chopper.*

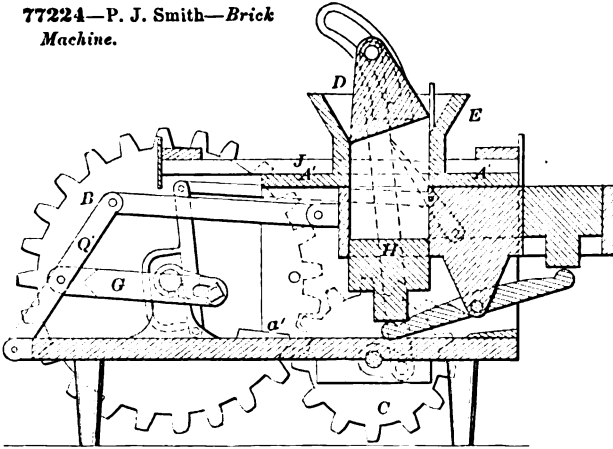


77295—C. W. T. Krausch—*Belt Coupling.*





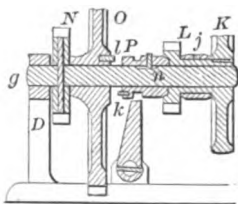
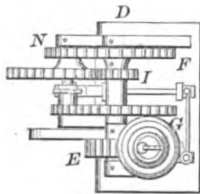
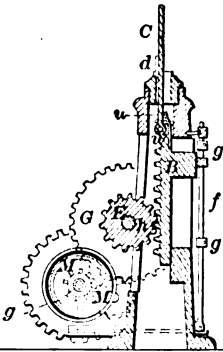
**77224—P. J. Smith—Brick Machine.**



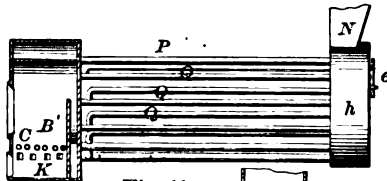
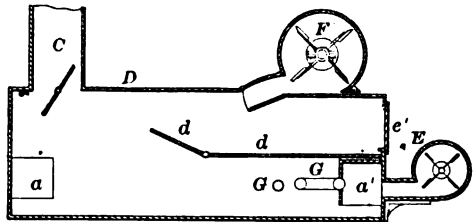
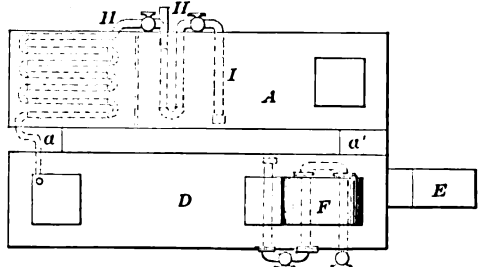
**77228—J. A. Watkins—Chair Seat.**



**77225—Smith & Eddy—For Cutting Key Seats**



**77226—D. E. Somes—For Consuming Smoke and Gas.**

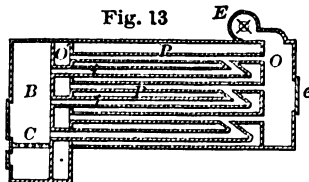


**Fig. 11**

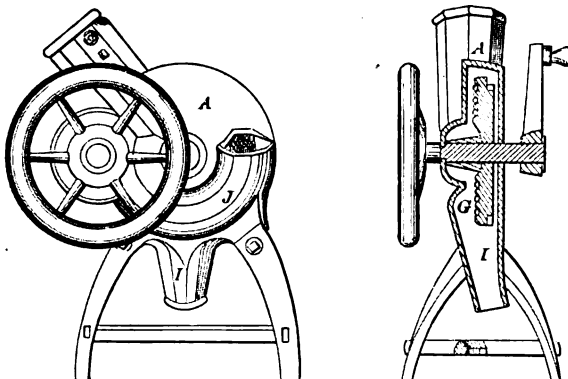


**Fig. 12**

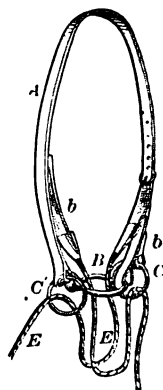
**Fig. 13**



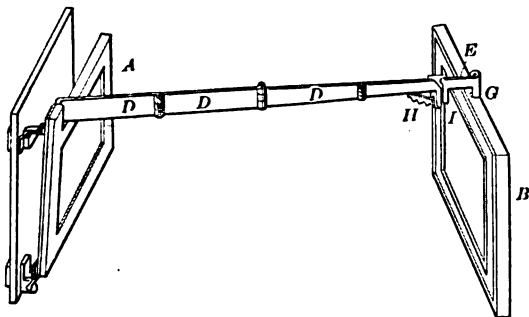
77227—J. Warren—Corn Sheller.



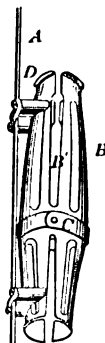
77235—S. V. R. York—  
Biting Attachment.



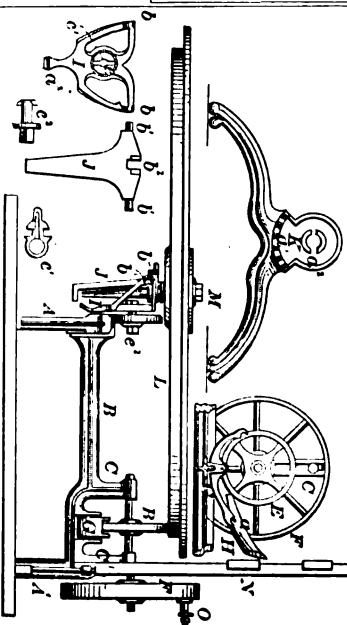
77229—U. A. Woodbury—Looking Glass.



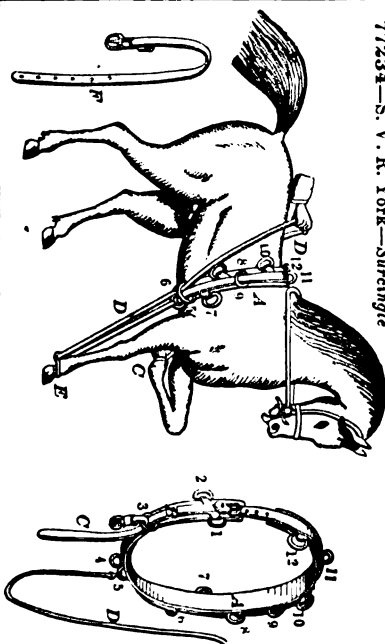
77233—A. Worden—Whip Holder.



77236—J. J. Adgate—Animal Power.

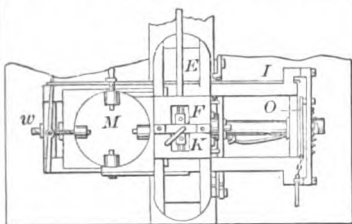


77234—S. V. R. York—Sureingle

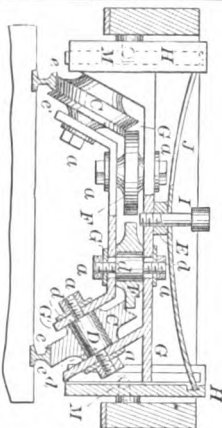
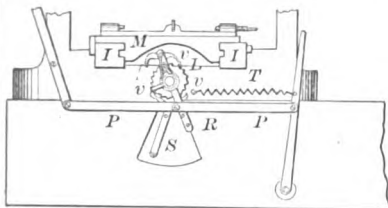
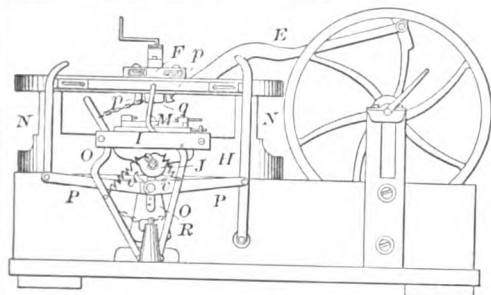
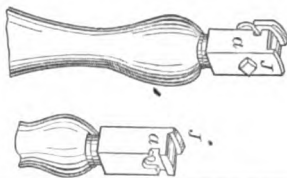




77241—J. S. L. Babbs—For Making Pegs.

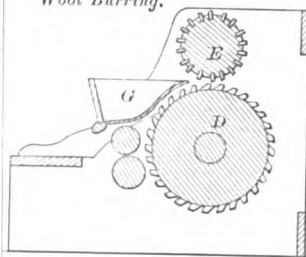


77246—J. Blease—Fore Part Iron.

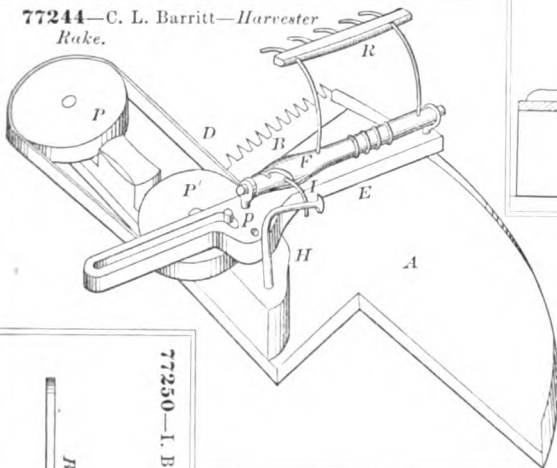


77248—S. Y. Bradstreet—Safety Truck

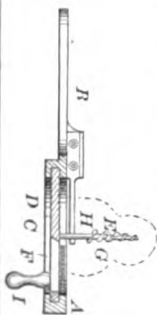
77249—L. Brumbach—For Wool Burring.



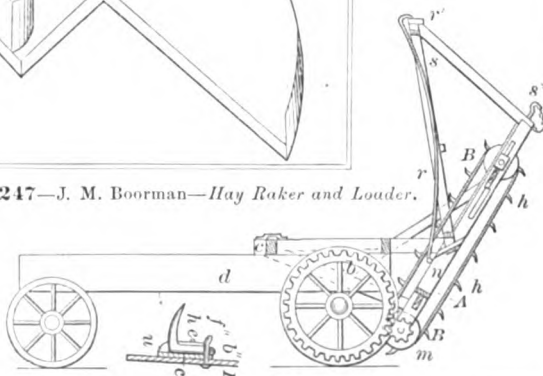
77244—C. L. Barritt—Harvester Rake.

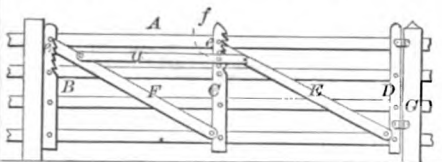
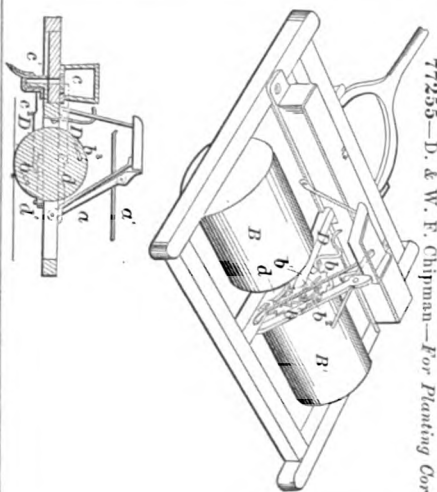
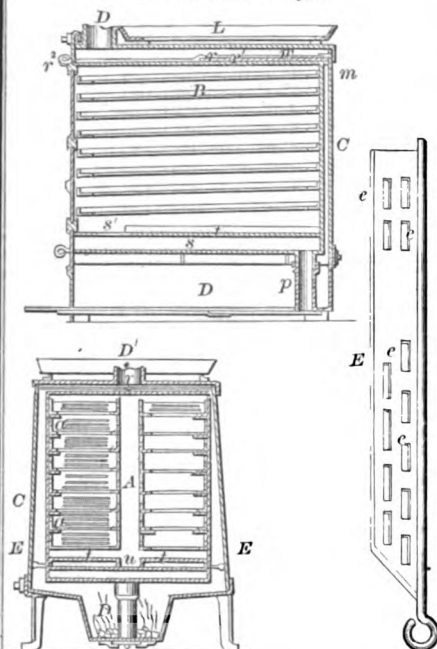
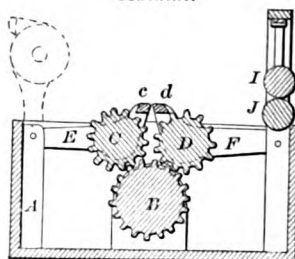
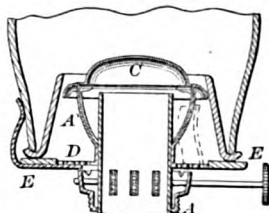
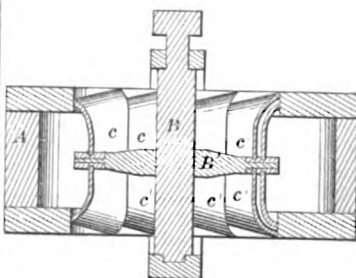
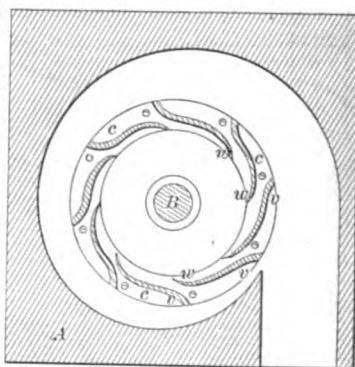


77250—L. Bullard—Vegetable Slicer.

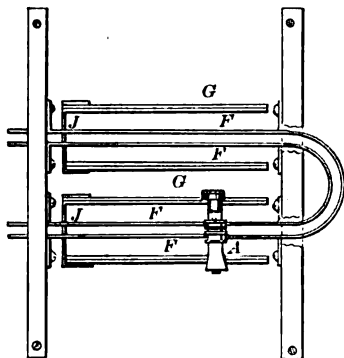
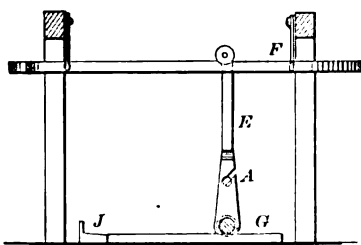


77247—J. M. Boorman—Hay Raker and Loader.

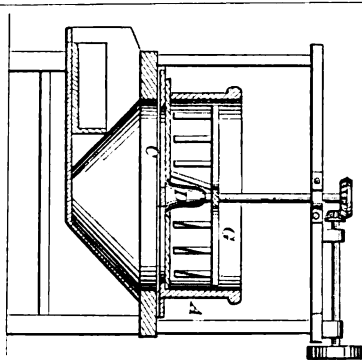
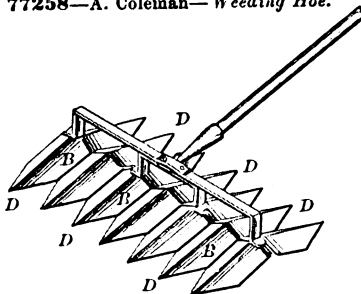


77251—E. P. H. Capron—*Farm Gate*77253—S. L. Cheyney—*Dryer*.77252—Case & Johnson—*Washing Machine*.77254—G. Chinnock—*Lamp Burner*.77256—J. Clark—*Water Wheel*.

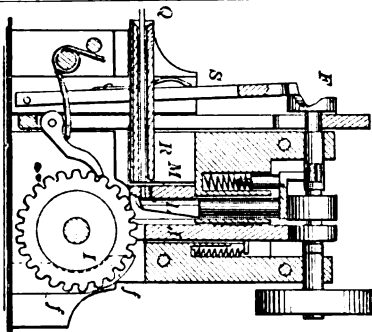
77257—J. H. Cole—Roofing Machine.



77258—A. Coleman—Weeding Hoe.

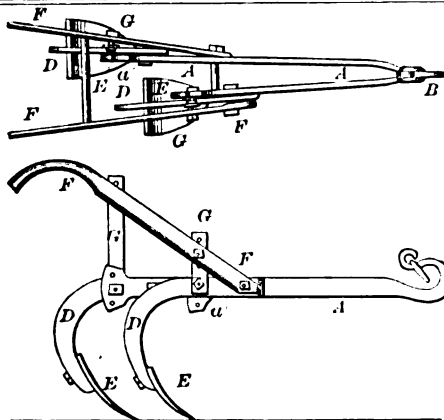
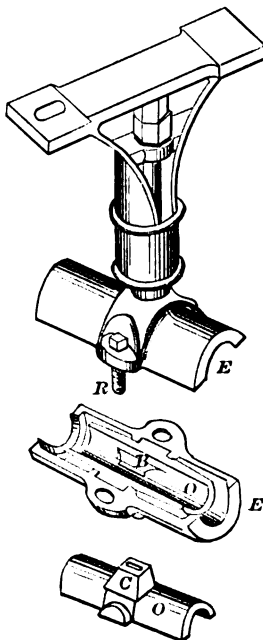


77259—J. B. Cox—For Disintegrating Ores.



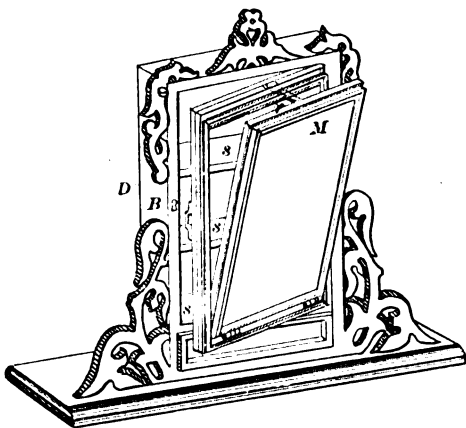
77262—F. Davison—Nail Machine.

77261—W. W. Crane—Self-Lubricating Box for Shafting.

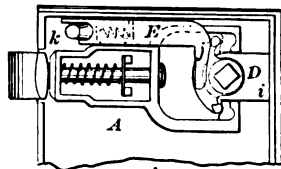


77260—A. J. Craig—Double Shovel Plow

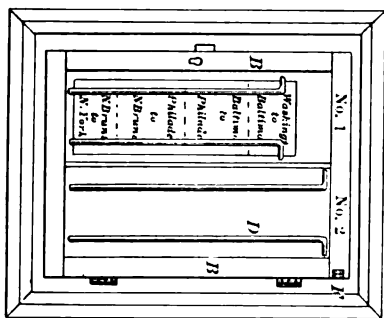
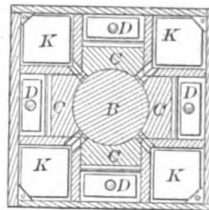
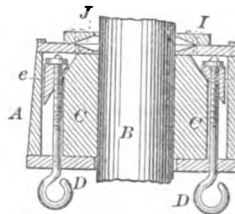
77263—H. W. Eastman—Bureau Toilet Attachment.



77264—H. H. Elwell—Reversible Knob Latch.

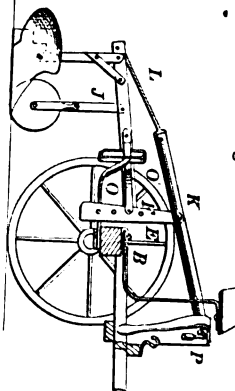
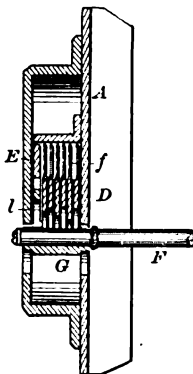
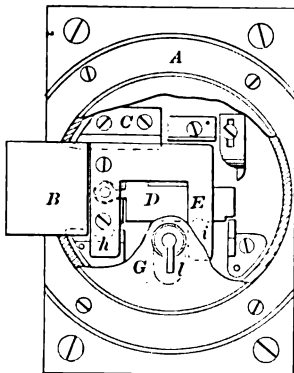


77265—J. M. Evril—Mill Bush.



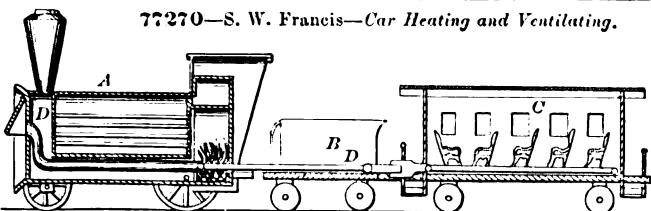
77266—O. G. &amp; S. G. Fessenden—Ticket Holder for Railroad Car, etc.

77267—W. D. Field—Door Lock.

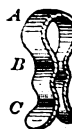


77272—W. Gallagher—Plow.

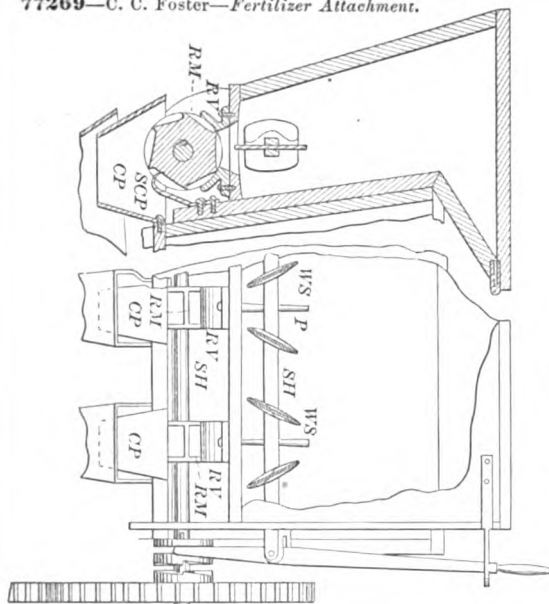
77270—S. W. Francis—Car Heating and Ventilating.



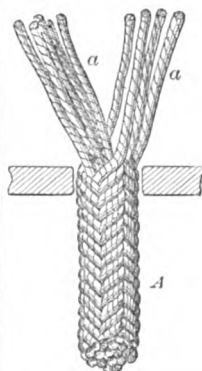
77268—P. Finley—Clothes Pin.



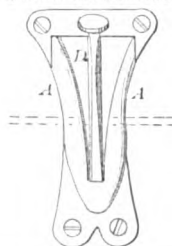
77269—C. C. Foster—Fertilizer Attachment.



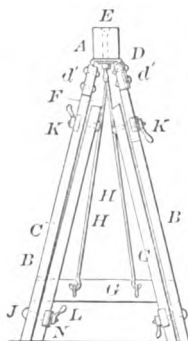
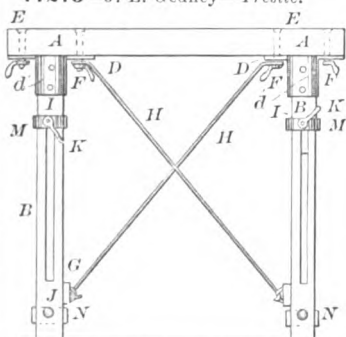
77275—J. Glanding—  
Steam Engine Packing.



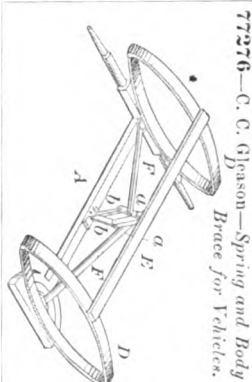
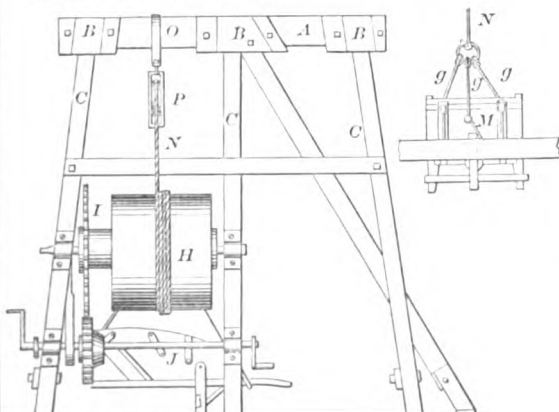
77274—J. W. Gladding—  
Clothes Line Holder.



77273—J. E. Gedney—Trestle.

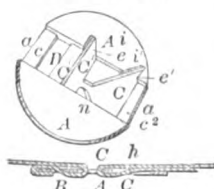


77271—C. Fricke—Derrick.

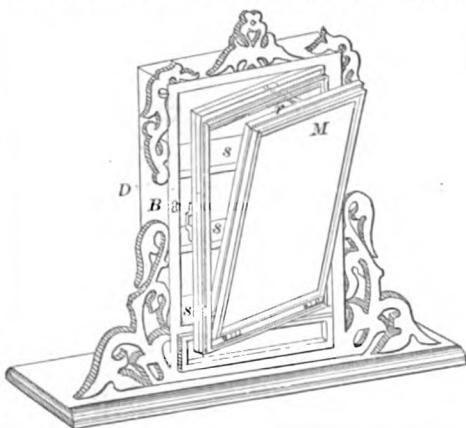
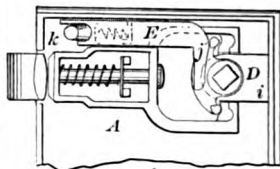
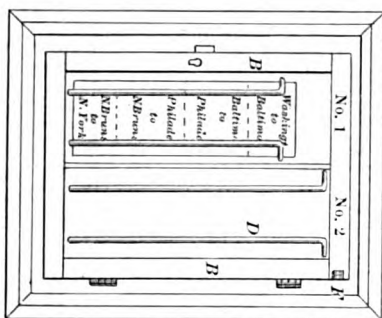
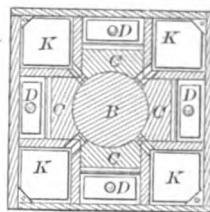
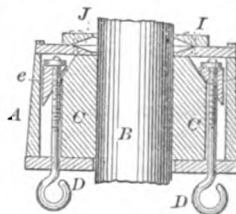
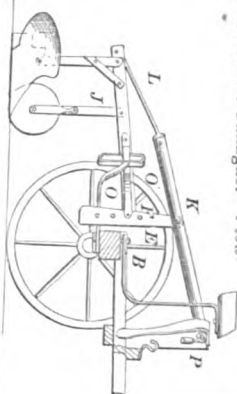
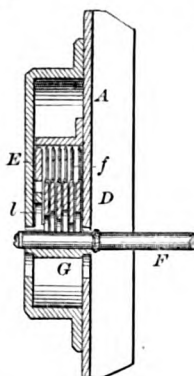
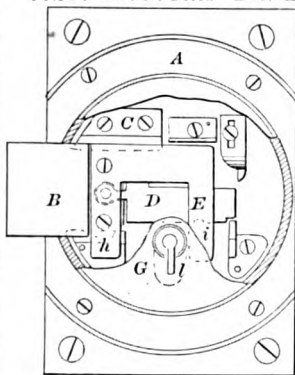
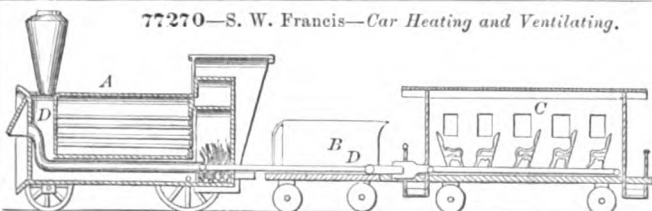
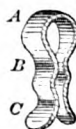


77276—C. C. Gleason—Spring and Body  
Brace for Vehicles.

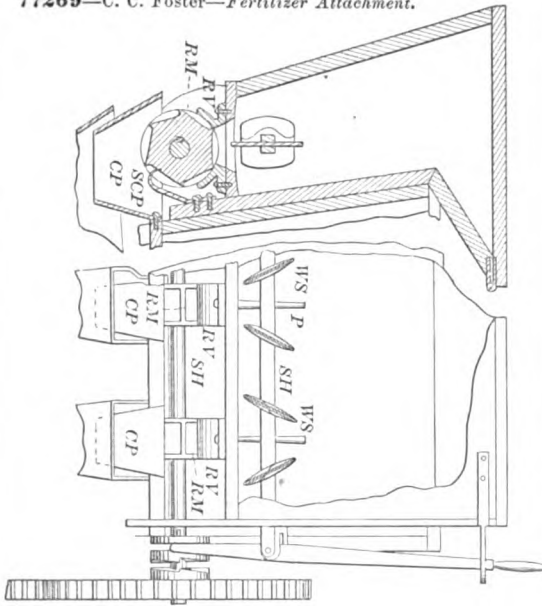
77277—J. H. Gooch—  
Cotton Bale Tie.



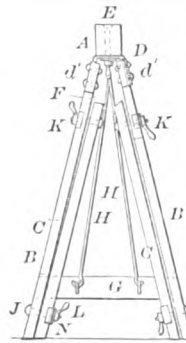
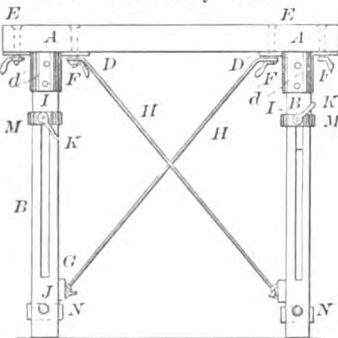


**77263**—H. W. Eastman—*Bureau Toilet Attachment.***77264**—H. H. Elwell—*Reversible Knob Latch.***77265**—J. M. Evril—*Mill Bush.***77266**—O. G. & S. G. Fessenden—*Ticket Holder for Railroad Car, etc.***77267**—W. D. Field—*Door Lock.***77272**—W. Gallinger—*Plover.***77270**—S. W. Francis—*Car Heating and Ventilating.***77268**—P. Finley—*Clothes Pin.*

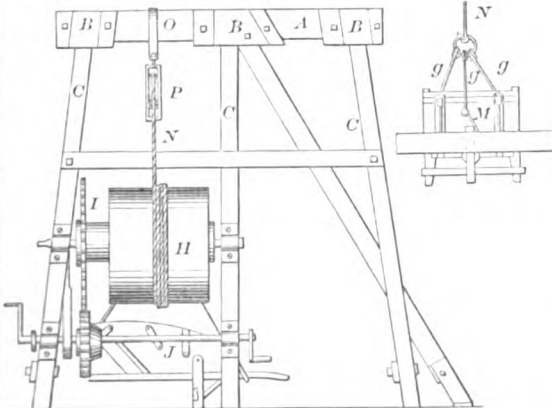
77269—C. C. Foster—Fertilizer Attachment.



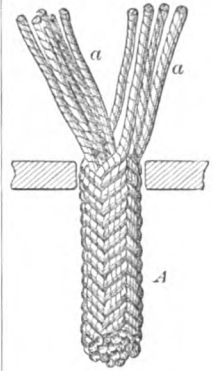
77273—J. E. Gedney—Trestle.



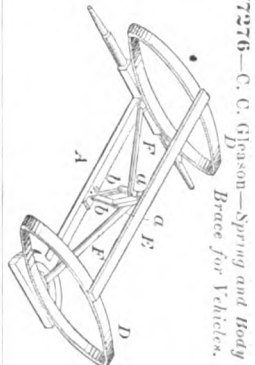
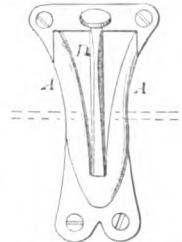
77271—C. Fricke—Derrick.



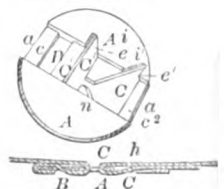
77275—J. Glanding—Steam Engine Packing.

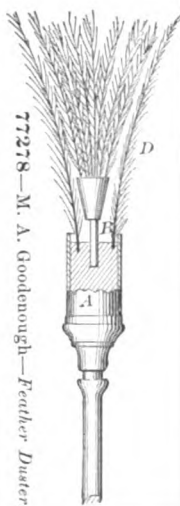


77274—J. W. Gladding—Clothes Line Holder.

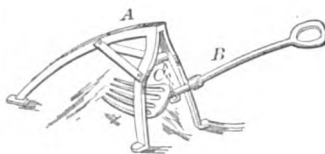


77277—J. H. Gooch—Cotton Bale Tie.

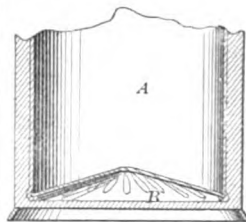




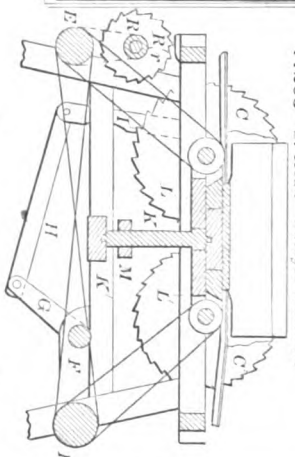
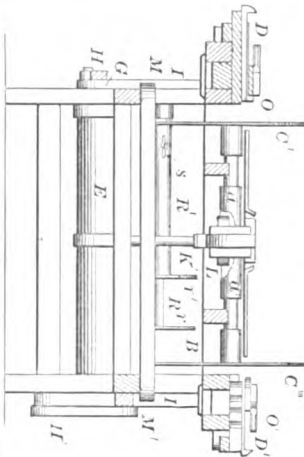
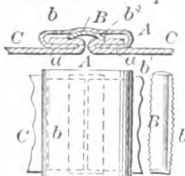
77279—A. Graves—Potato Digger.



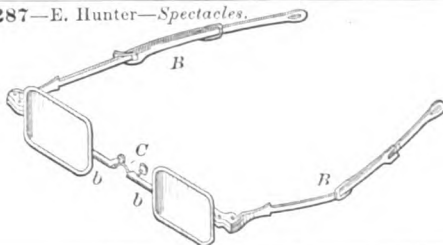
77280—J. L. Hadden—Water Cooler.



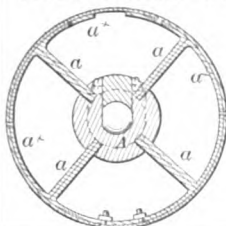
77282—Hawes &amp; Bliss—Belt Clasp.



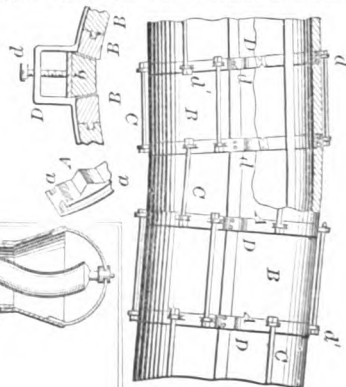
77287—E. Hunter—Spectacles.



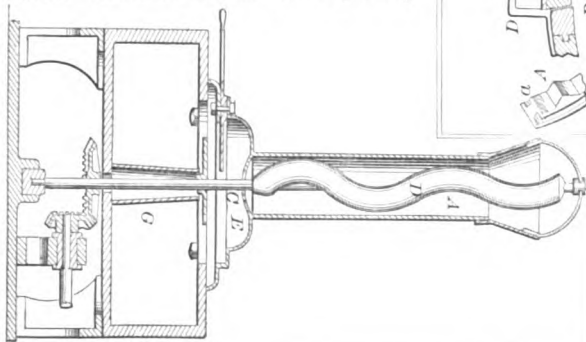
77284—F. Hewitt—Pulley.



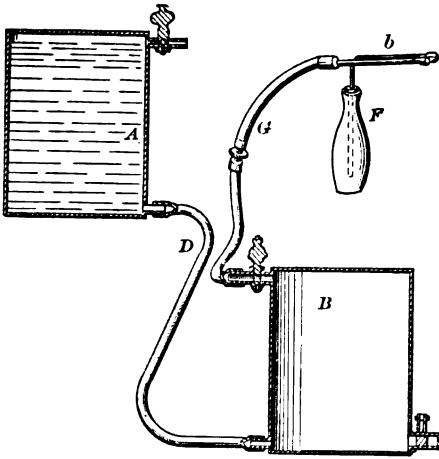
77285—W. F. Holske—Tubular Structure.



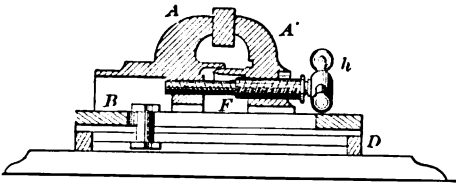
77281—Hawes &amp; Bliss—For Cleaning Emery.



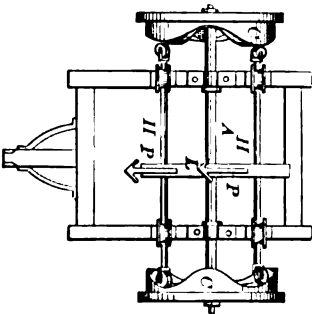
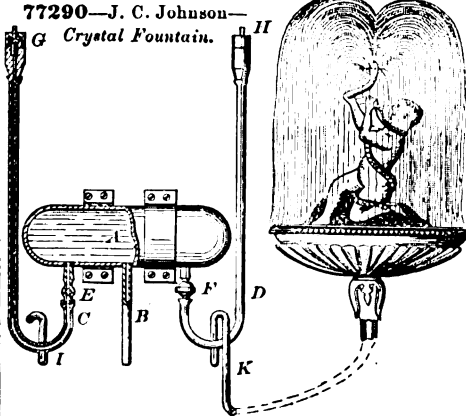
77286—C. H. Hudson—For Diffusing Liquids.



77289—A. Jameson—Vise.

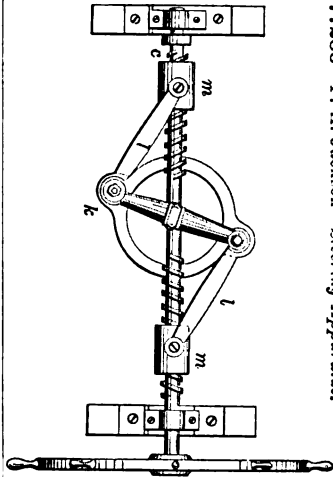


77290—J. C. Johnson—Crystal Fountain.

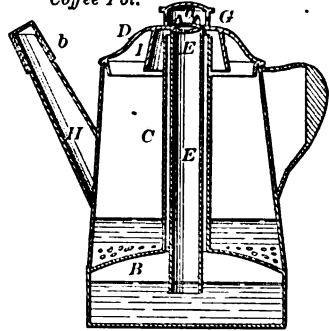


77292—I. J. Kidd—Cotton Scraper.

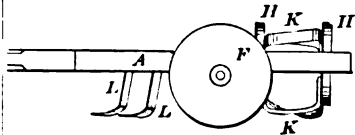
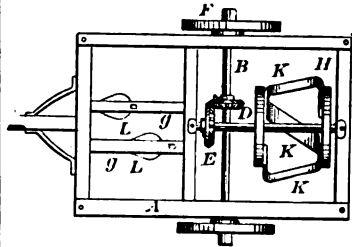
77288—P. H. Jackson—Steering Apparatus.



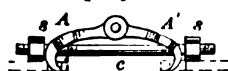
77291—A. C. Kasson—Tea and Coffee Pot.



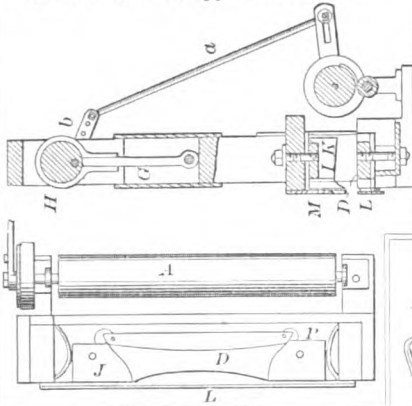
77293—I. J. Kidd—Cotton Chopper.



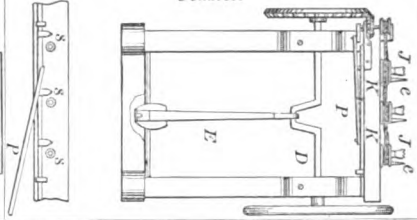
77295—C. W. T. Krausch—Belt Coupling.



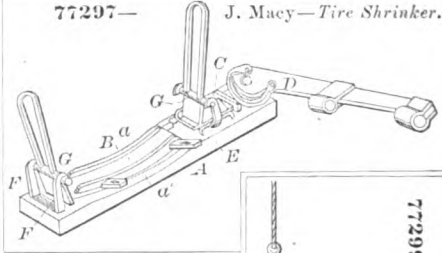
77294—H. F. Knapp—Collar Machine.



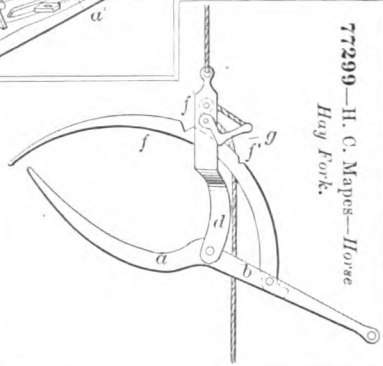
77296—E. Leffingwell—For Trimming Teazles.



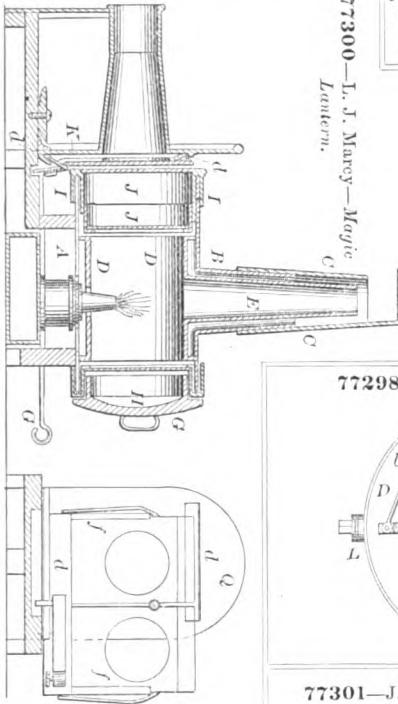
77297—J. Macy—Tire Shrinker.



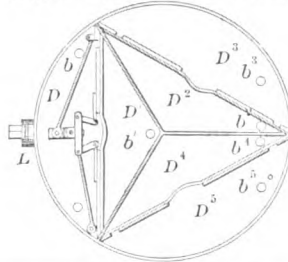
77299—H. C. Mapes—Horse Hay Fork.



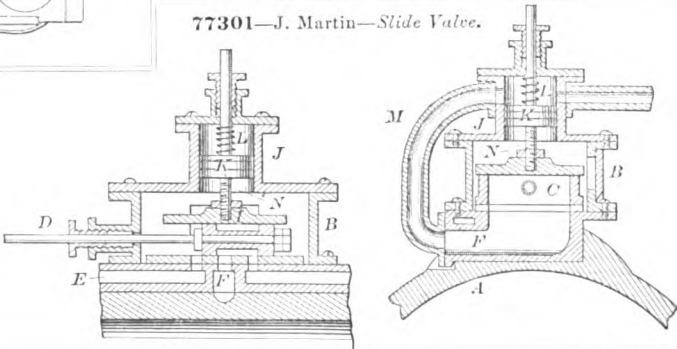
77300—L. J. Marcy—Magic Lantern.



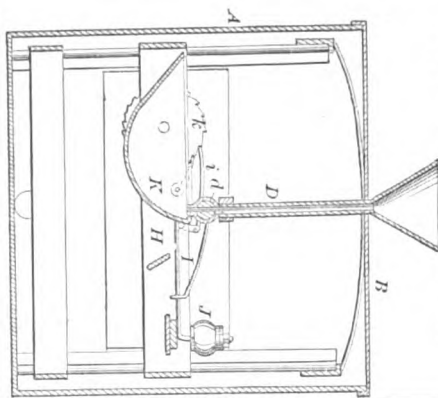
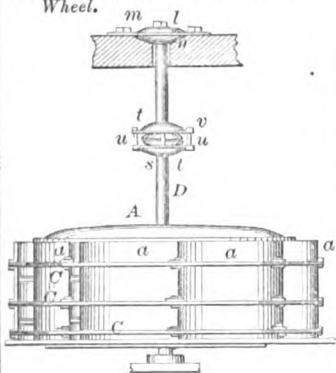
77298—J. W. Mahlon—Gas Meter.



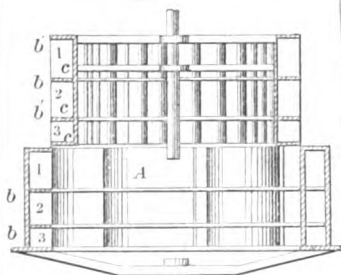
77301—J. Martin—Slide Valve.



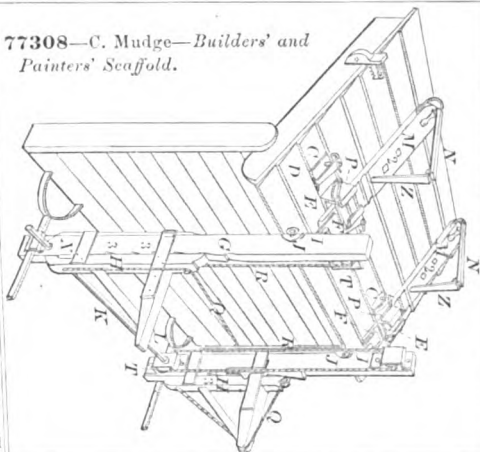
77302—W. H. Matson—Water Wheel.



77307—C. E. Moore—Fluid Meter.

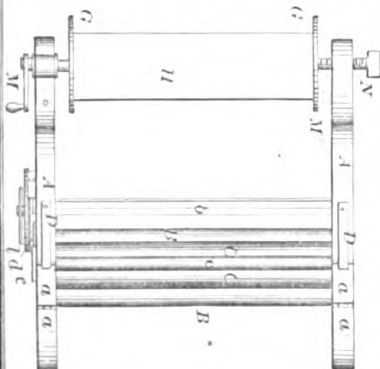


77308—C. Mudge—Builders' and Painters' Scaffold.

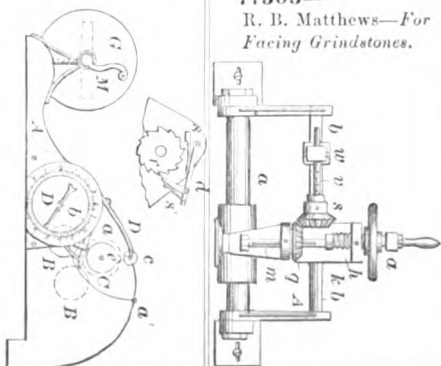


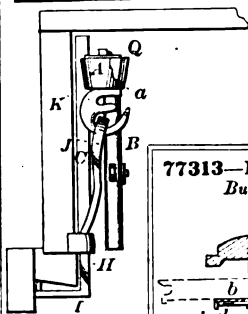
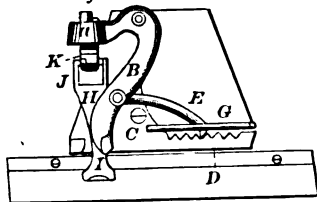
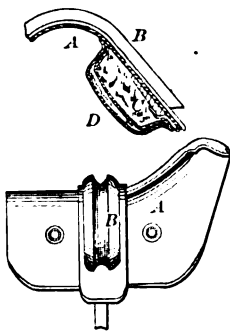
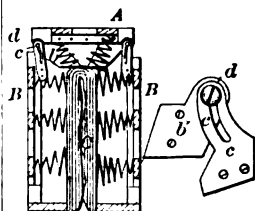
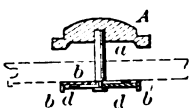
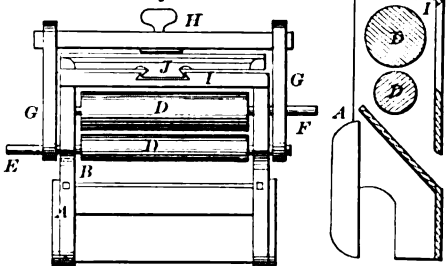
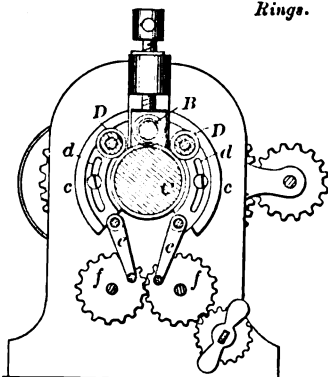
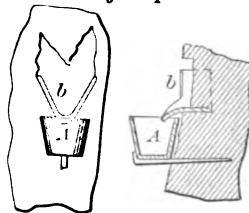
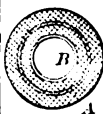
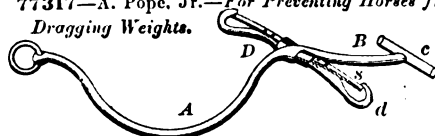
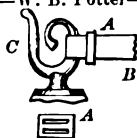
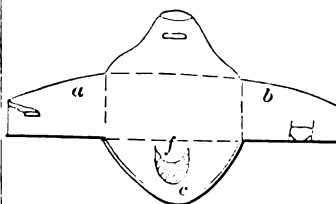
77306—L. C. Miller—Carriage Spring Brace.

77305—G. R. McIntire—For Measuring Cloth.

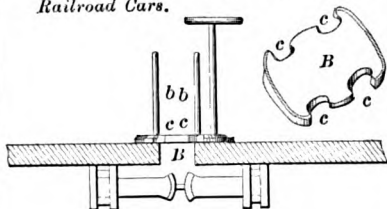


77303—R. B. Matthews—For Facing Grindstones.

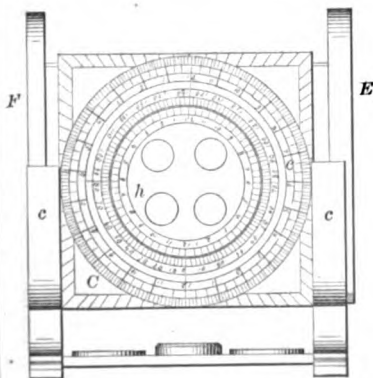
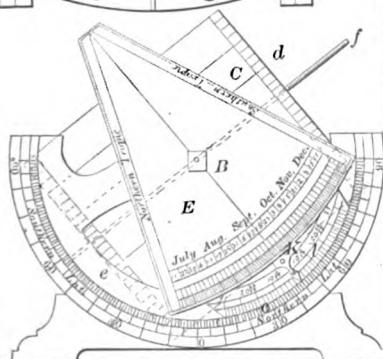
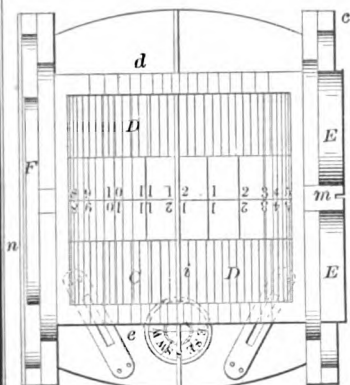


**77309**—H. E. Murray—*Clamp for Vehicle Seats.***77310**—J. O'Mahony—*Dray Saddle.***77311**—F. C. Payne—*Folding Bed.***77313**—F. J. Perkins—*Button.***77315**—M. Pierce—*Clothes Wringer.***77312**—W. H. Peckham—*For Bending Rings.***77319**—A. Pudigon—*Gathering Turpentine.***77314**—E. L. Perry—*Gas Tube.***77317**—A. Pope, Jr.—*For Preventing Horses from Dragging Weights.***77318**—W. B. Potter—*Check Rein Slide.***77316**—C. R. M. Pohle—*Envelope.***77320**—J. Pusey—*Toy.*

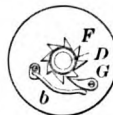
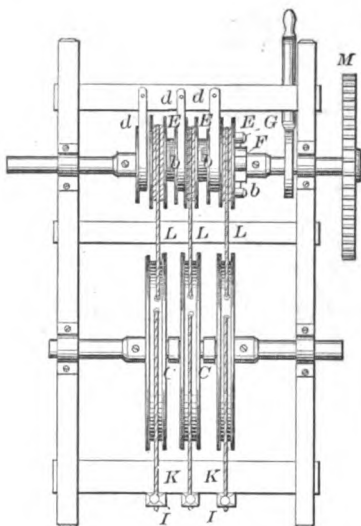
**77321**—A. Rank—*Platform Bridge for Railroad Cars.*



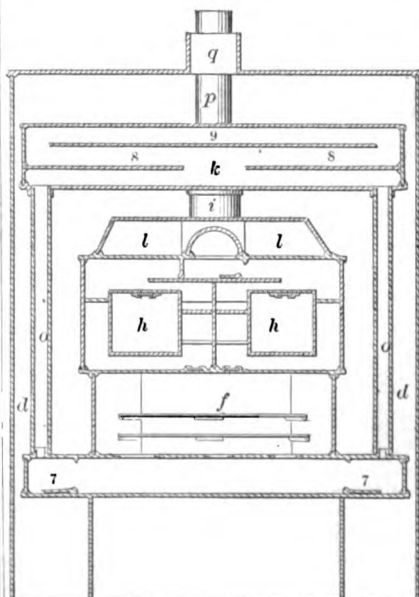
**77324**—C. F. L. Risch—*Helimeter.*



**77322**—G. Rich—*Mechanical Movement.*

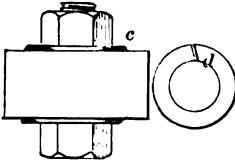


**77325**—A. K. Sanders—*Heater Range.*

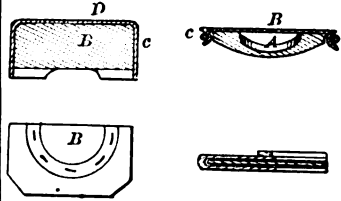




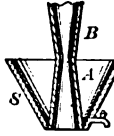
77326—T. Shaw—Washer.



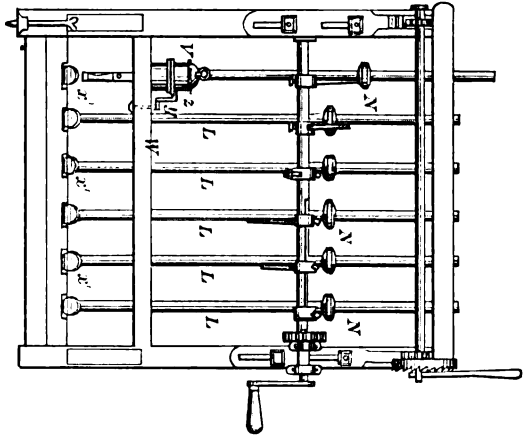
77328—P., J. & F. Slevin—Whistle.



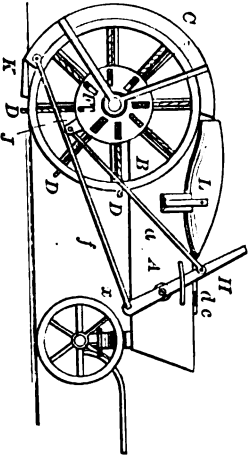
77327—M. A. Shepard—Boiler upon Stone Pipes.



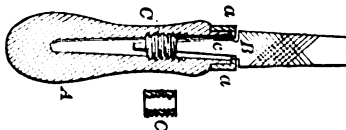
77330—Southard & Hobson—Stone Drilling Machine.



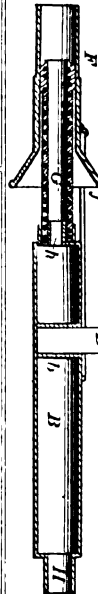
77329—J. P. Smith—Excavating Vehicle.



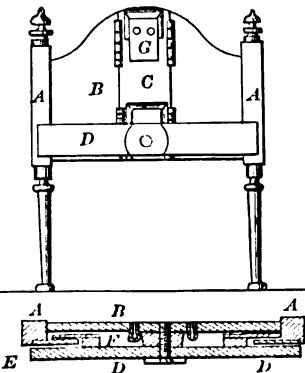
77332—H. C. Storrs—File Handle.



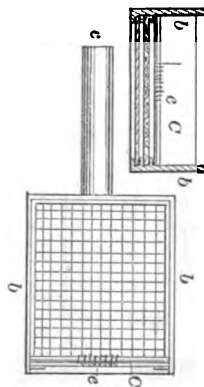
77330—T. S. Speakman—Pipe Coupling for Railroad Car Heaters.



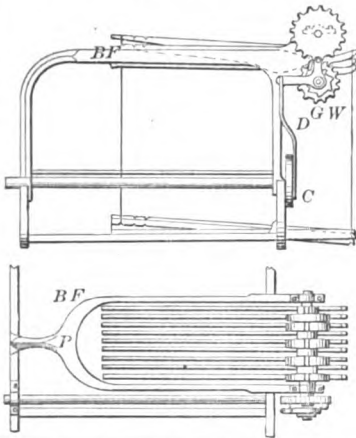
77334—R. S. Titecomb—Folding Bedstead and Crib.



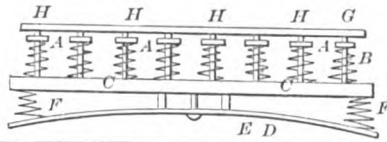
77333—A. Thayer—Screen and Shovel.



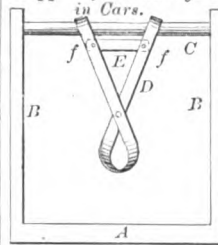
77335—F. Traub—Operating  
Harness in Looms.



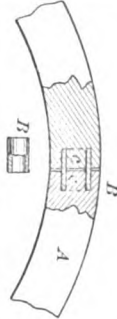
77339—C. Walker—Bed Bottom.



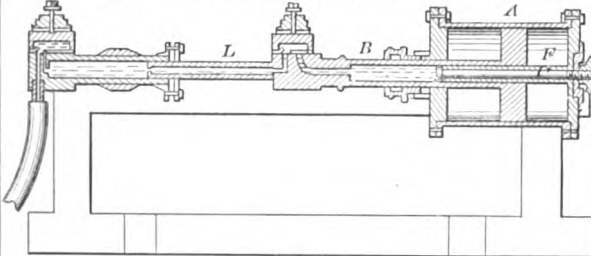
77338—H. S. Vrooman—  
Support for Passengers  
in Cars.



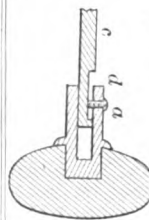
77337—E. D. Tyler—Dowel Pin.



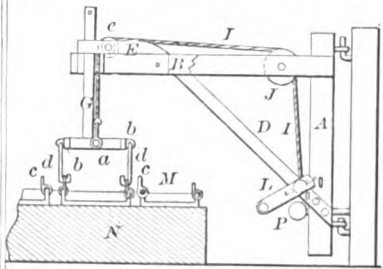
77336—J. Tufts—Steam Pumping Engine.



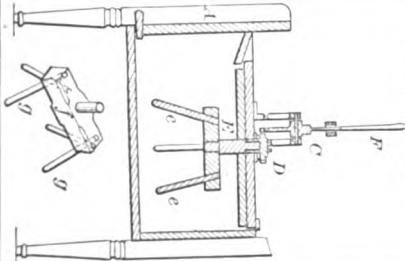
77344—W. H. Andrews—  
Attaching Door Knobs to  
Spindles.



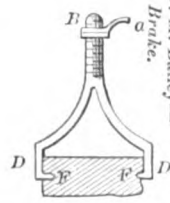
77342—D. Young—Sugar Pan Derrick.



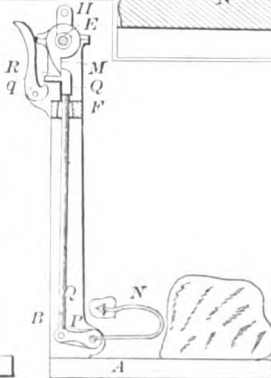
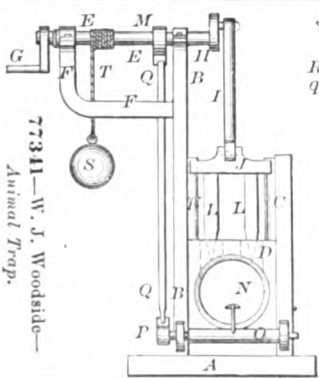
77340—J. T. Wheeler—  
Washing Machine.



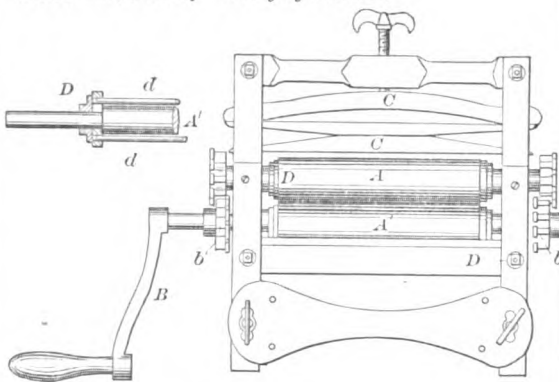
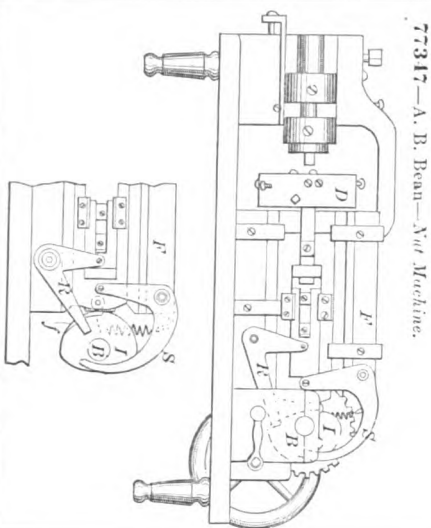
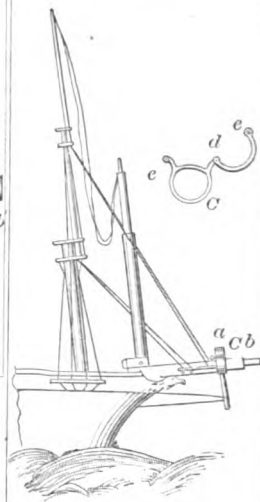
77345—D. M. Bailey—  
Wagon Brake.



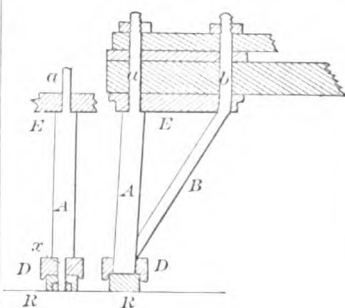
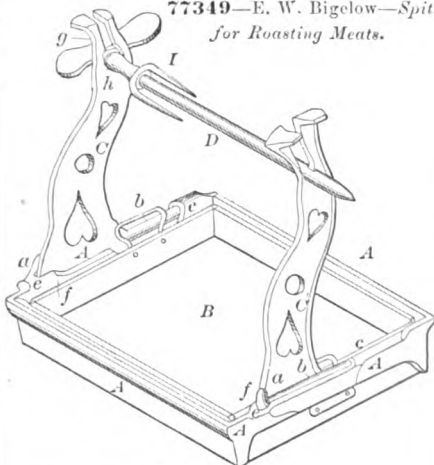
77341—W. J. Woodside—  
Animal Trap.



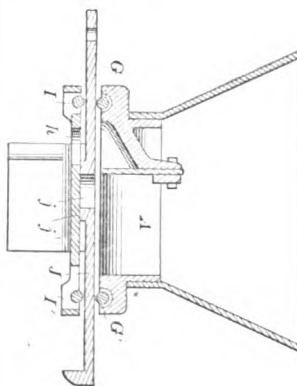
77346—S. A. Bailey—Wringing Machine.

77348—W. E. Beman—  
Jib Boom.

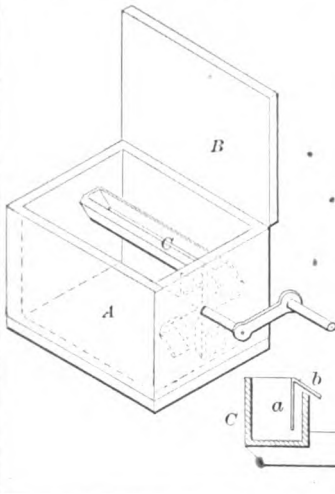
77350—J. W. Blake—Sled Knee.

77349—E. W. Bigelow—Spit.  
for Roasting Meats.

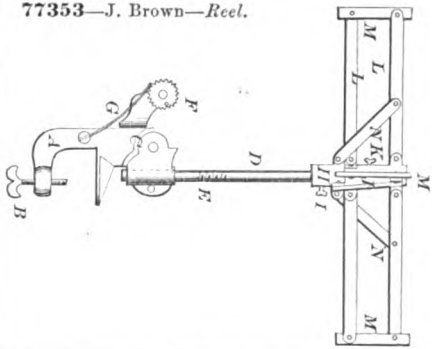
77351—J. M. Blessing—Corn Planter.



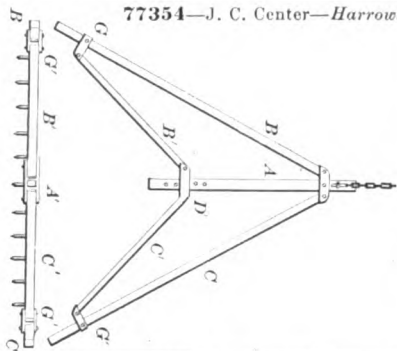
77352—C. H. Bradley—Churn.



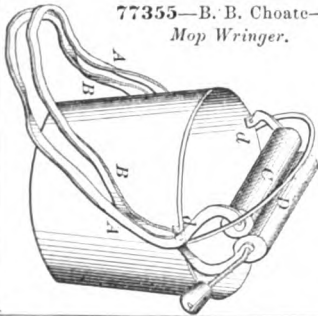
77353—J. Brown—Reel.



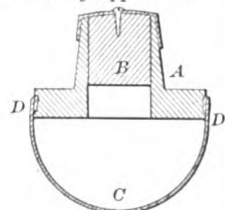
77354—J. C. Center—Harrow.



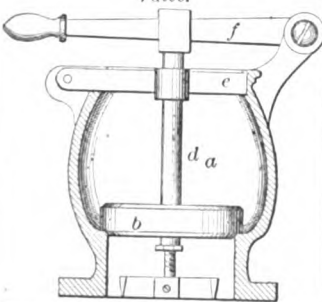
77355—B. B. Choate—Mop Wringer.



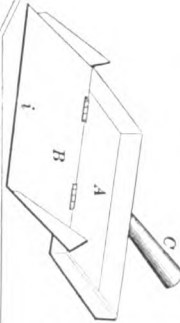
77356—W. B. Coates—Starching Apparatus.



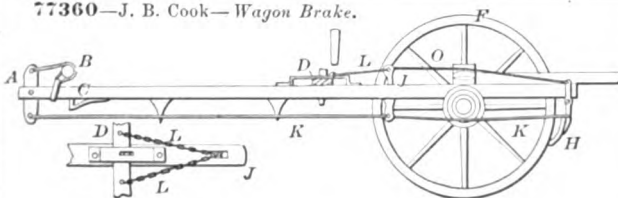
77359—L. Colwell—Sugar Pan Valve.



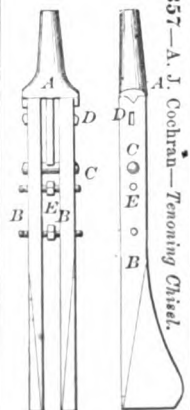
77358—D. C. Colby—Dust Pan.



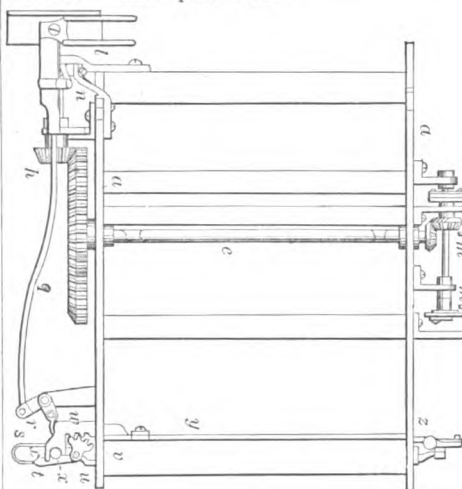
77360—J. B. Cook—Wagon Brake.



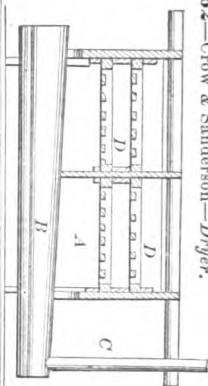
77357—A. J. Cochran—Tenoning Chisel.



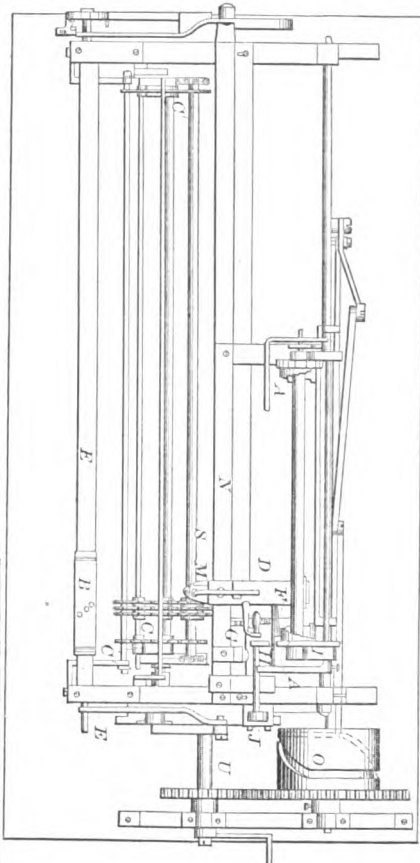
77361—G. Crompton—Loom.



77362—Crow &amp; Sanderson—Dyer.



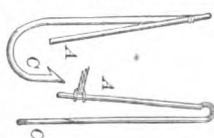
77363—J. Dalton—Knitting Machine.



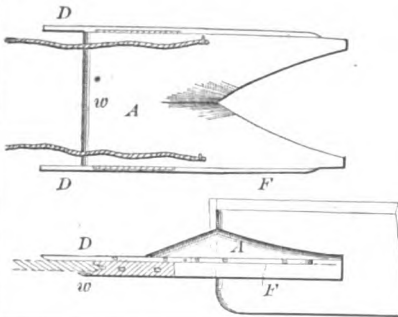
77364—F. Deming—Horse Hitching Device.



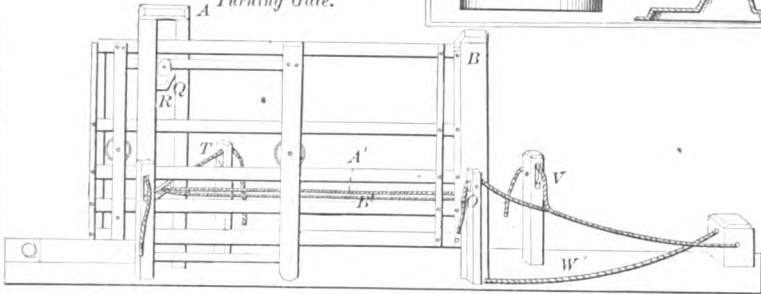
77365—R. A. Fish—Fish Hook.



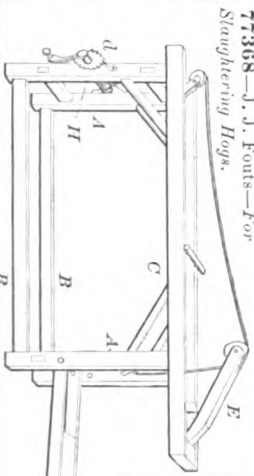
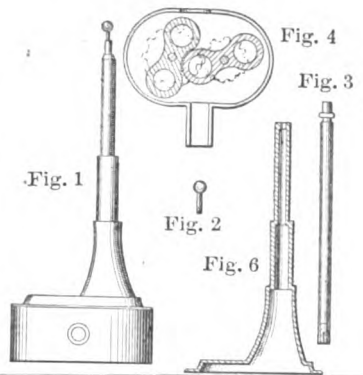
77366—A. Flannigain—*Ice Breaker.*



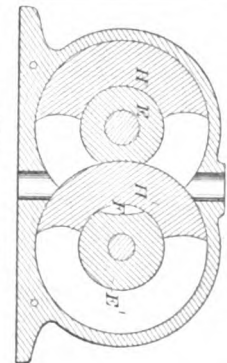
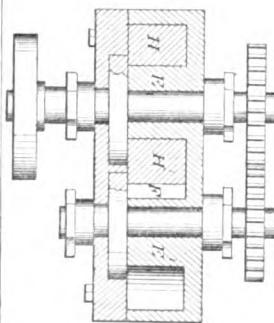
77367—R. Fleming—*Double, Sliding or Turning Gate.*



77370—G. F. Green—*Pneumatic Tooth Burr and Drill.*

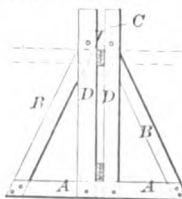


77368—J. J. Fouts—*For Slaughtering Hogs.*

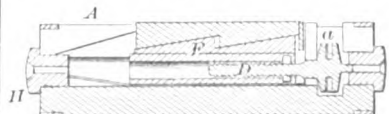


77373—D. D. Harby—*Rotary Engine.*

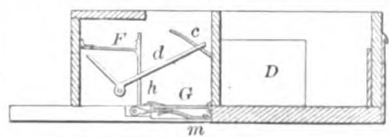
77371—C. S. S. Griffing—*Portable Fence.*

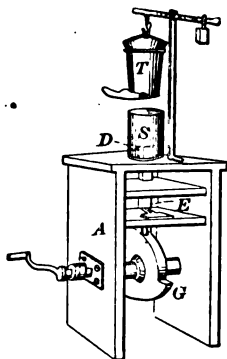
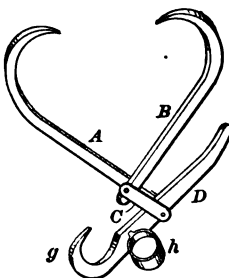
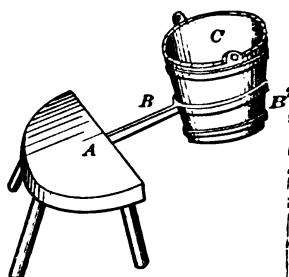
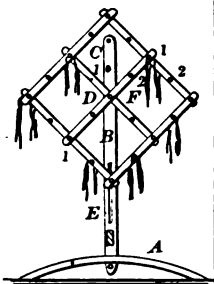
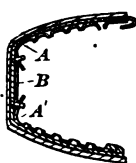
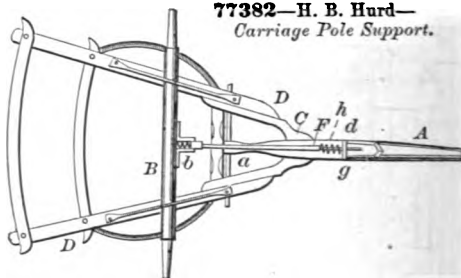
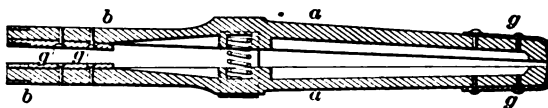
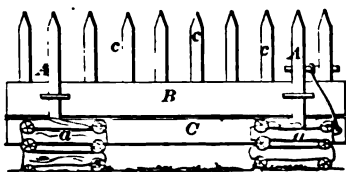
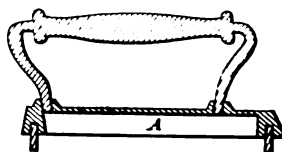


77369—M. Gardner, Sr.—*Mandrel.*

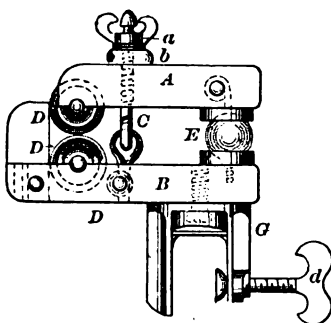


77372—B. F. Hancock—*Animal Trap.*

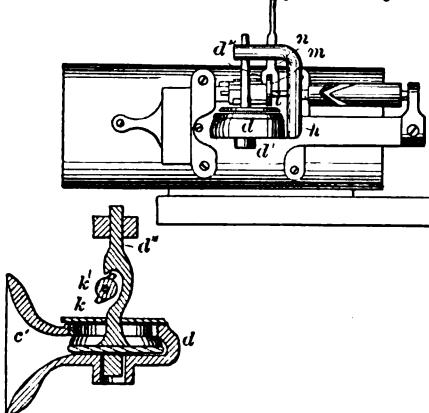


**77374—S. Hewit—Flour  
Packer.****77375—Hicks & Doty—  
Rafter Hook for Hoisting.****77376—L. B. Hoit—Milking  
Stool and Pail Holder.****77377—W. W. Horton—  
Hat and Disk Rack.****77380—J. Humphery  
Sad Iron Holder.****77378—W. S. How—Vial.****77382—H. B. Hurd—  
Carriage Pole Support.****77385—J. L. Knick—For Extracting Weeds.****77384—H. A. Kephart—Flood Gate.****77379—A. Y. Hubbell—Sad Iron.**

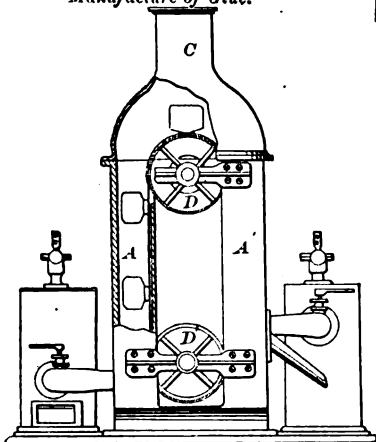
77386—Lapham & Pratt—Clothes  
Wringer.



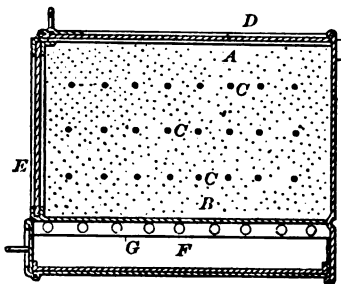
77387—W. H. Laubach—Valve for Gas Engines.



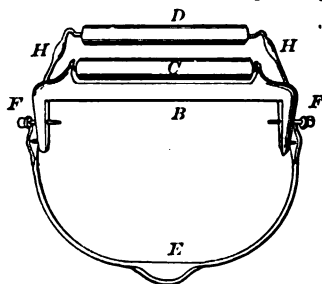
77388—J. A. & R. Lighthall—  
Manufacture of Glue.



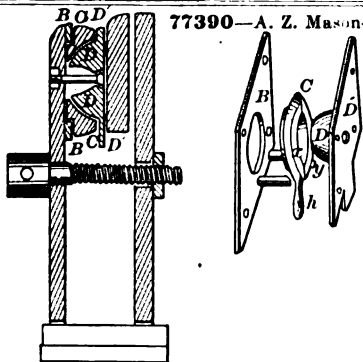
77389—W. H. Lockwood—Ventilating  
Show Case.



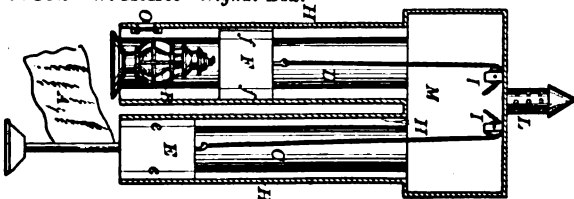
77391—May & Colton—Mop Wringer.



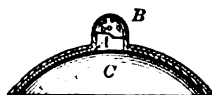
77390—A. Z. Mason—Vise.



77392—W. McKee—Signal Box.

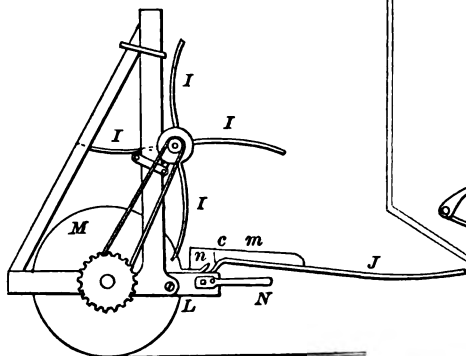


77393—T. McLaughlin—  
Nipple Shield.

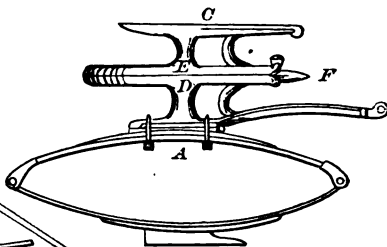




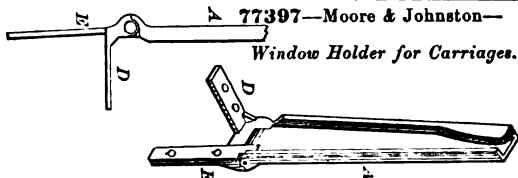
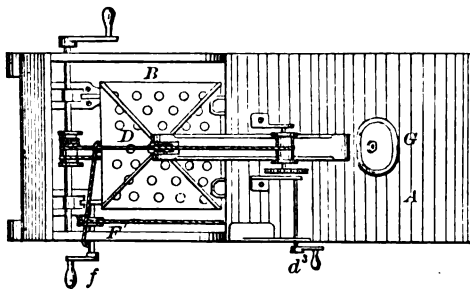
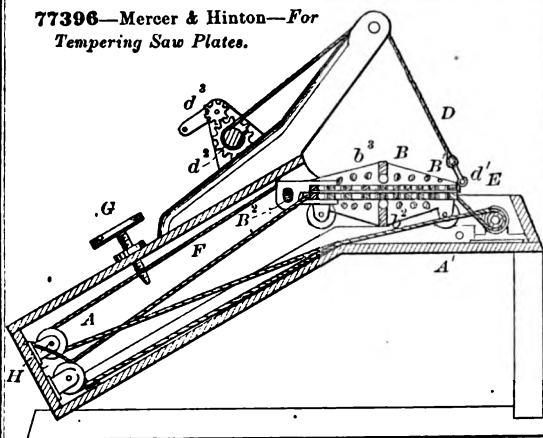
77394—G. Meader—Corn Harvester.



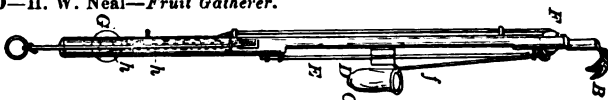
77395—J. J. D. Meincke—Forward Gear for Carriages.



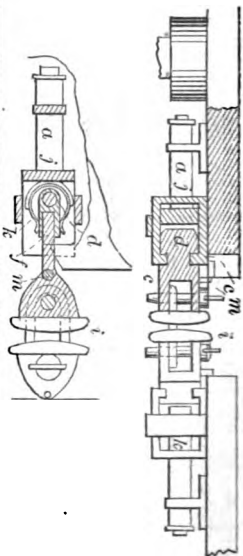
77396—Mercer &amp; Hinton—For Tempering Saw Plates.



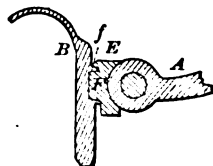
77400—H. W. Neal—Fruit Gatherer.



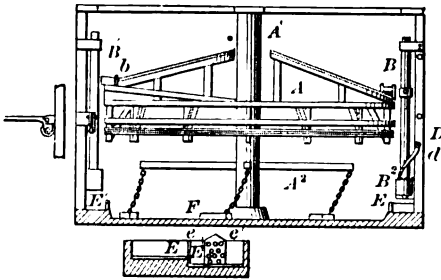
77398—T. M. Moore—Car Coupling.



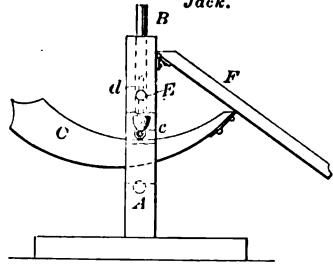
77399—F. B. Morse—Packing for Carriage Shackles.



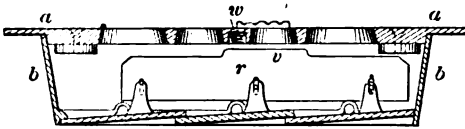
77401—P. M. Papin—*Quartz Stamp Mill.*



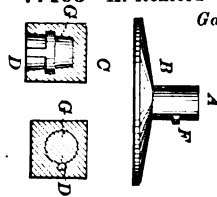
77406—Robertson & Collins—*Lifting Jack.*



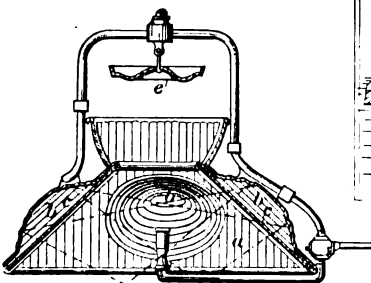
77403—H. M. Phinney—*Register.*



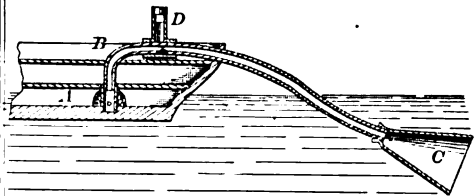
77405—H. Rexford—*Canal Lock Gate Step.*



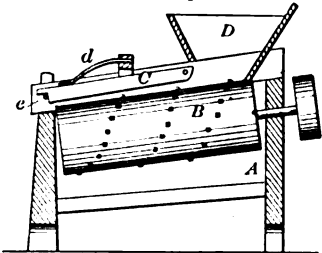
77408—Schmidlin & Driscoll—*Reflector.*



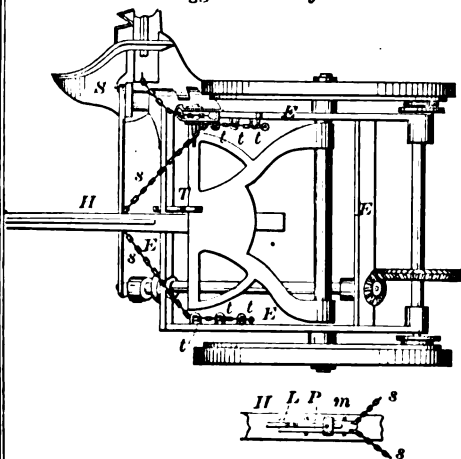
77402—P. Pardee—*For Discharging Bilge Water.*



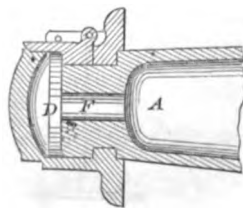
77410—J. H. Sharp—*Corn Sheller.*



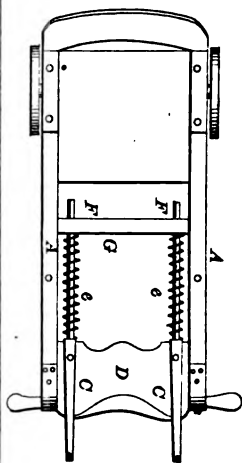
77407—H. J. Ruggles—*Mowing Machine.*



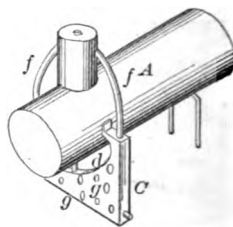
77411—J. R. Smith—*Lock Nut for Axle and Skein Boxes.*



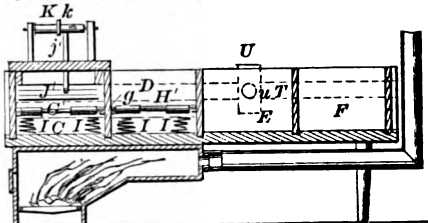
77412—G. &amp; J. Smoker—Hand Truck and Sack Holder.



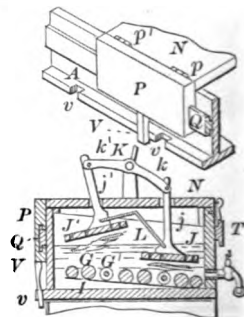
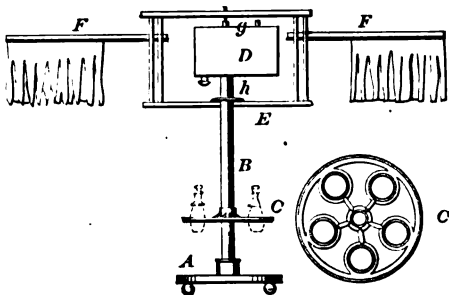
77414—J. Sutliff—Steam Generator.

77416—  
E. J. Toof—  
Comb Cleaner.

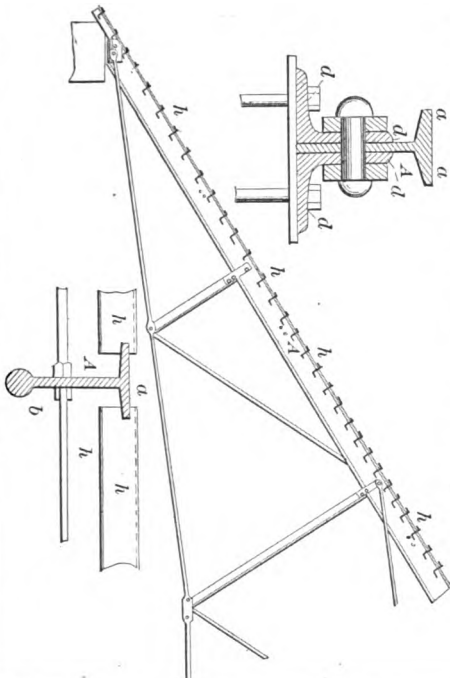
77413—Stanford &amp; Scoville—Washing Machine.



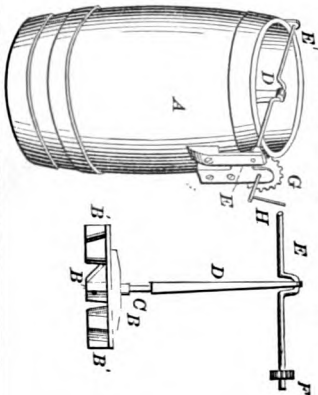
77415—Tillman &amp; Good—Table Fan and Caster Stand.



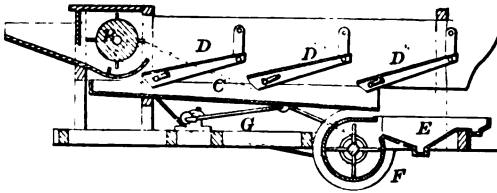
77409—G. H. Sellers—Wrought Iron Roof Truss.



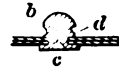
77417—N. Trowbridge—Washing Machine.



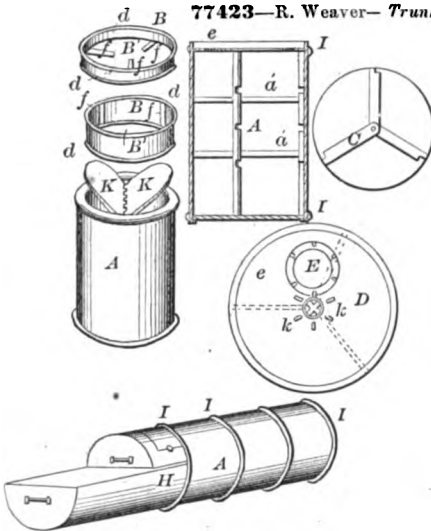
77419—J. S. Upton—Grain Separator.



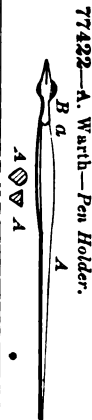
77421—H. S. Walcott—  
Boot and Shoe Stud.



77423—R. Weaver—Trunk.

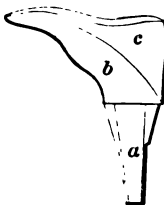
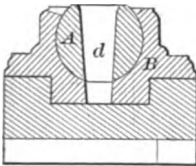


77424—W. N. Wooden—Tag Fastening.

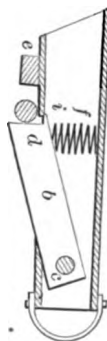


77422—A. Warth—Pen Holder.

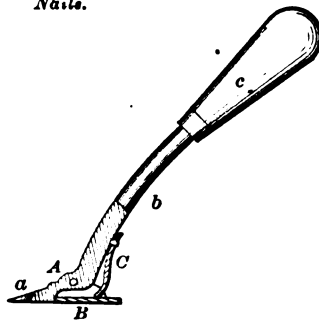
77425—G. M. Wells—  
Last Holder or Jack.



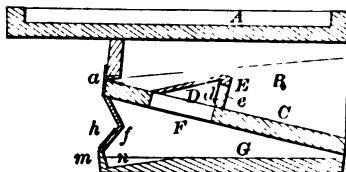
77426—R. C. Whitehouse—Cleave.



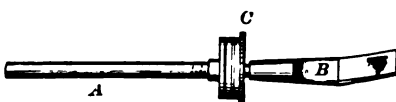
77427—E. P. Whitney—For Drawing  
Nails.



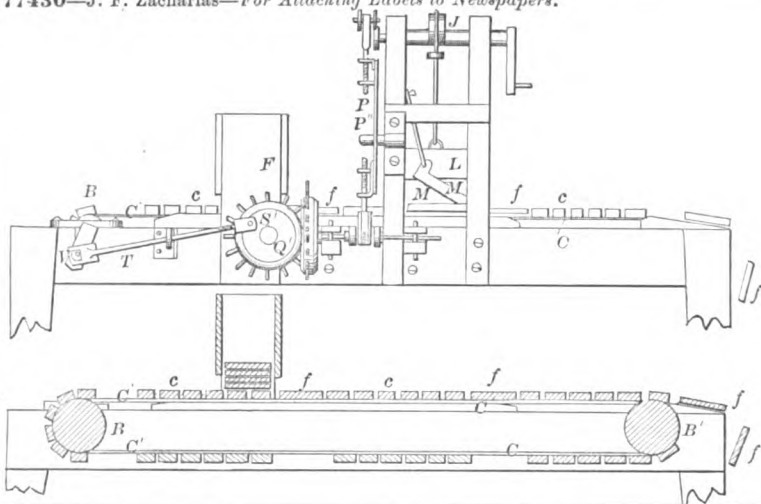
77428—A. W. Wilcox—Bellows  
for Reed Musical Instruments.



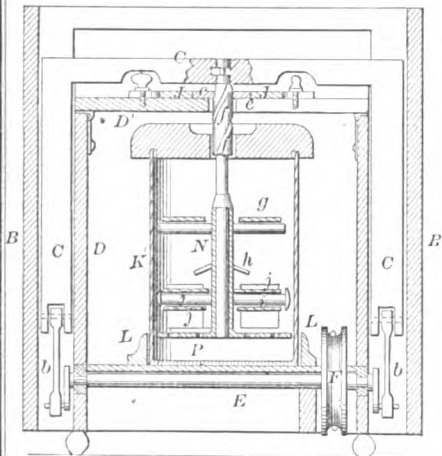
77429—G. D. Wilcox—Mucilage Brush.



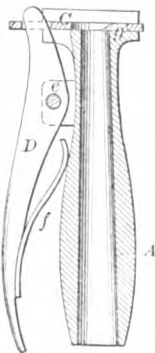
77430—J. F. Zacharias—*For Attaching Labels to Newspapers.*



77431—C. H. Elliott—*Churn.*



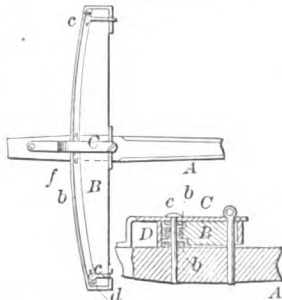
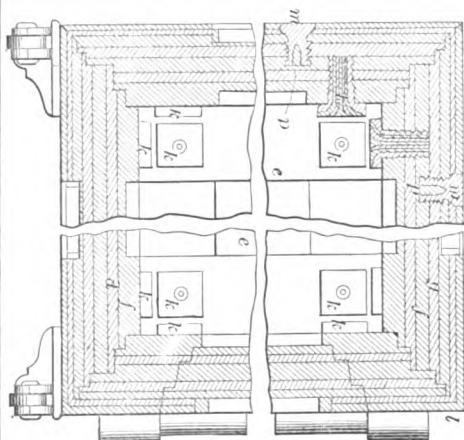
77436—D. Aldrich—*Cue Trimmer*.



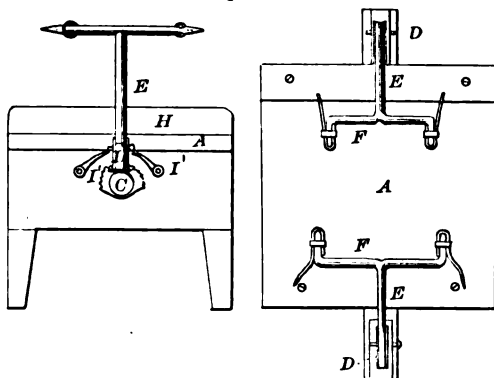
77434—D. E. & A. A. Aikin—*Splint Plane*.



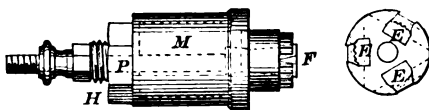
77433—M. Adsit—*Draught Attachment.*

77432—O. Marland—*Construction of Safes.*

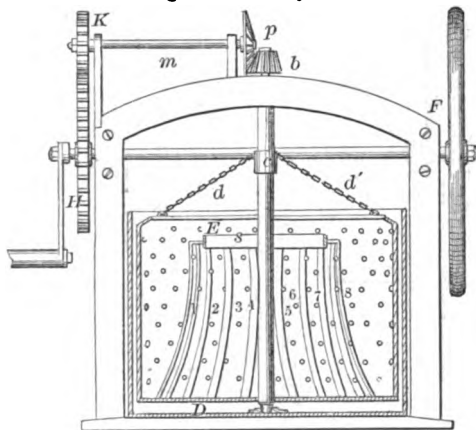
77435—C. Albert—*Sheep Holder.*



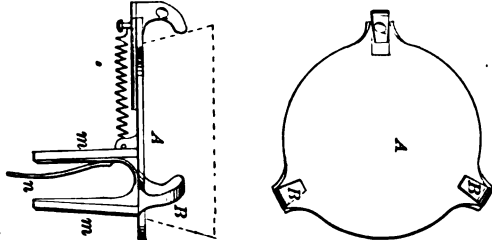
77437—A. F. Allen—*Thimble Puller.*



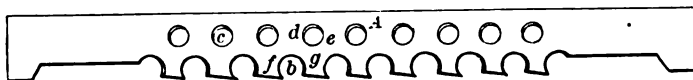
77440—C. Bango—*Clothes Dryer.*



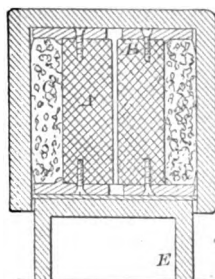
77442—J. D. Blake—*Soap Stand.*



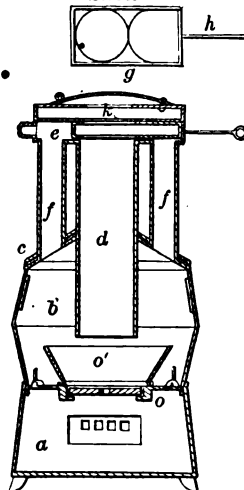
77439—S. Anderson—*Saw.*



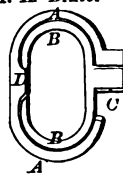
77438—O. E. Allen—*Car Spring.*



77444—W. S. Bronson—*Stove.*



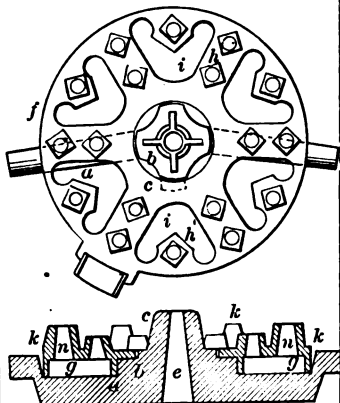
77441—A. H. Bixler—*Open Ring.*



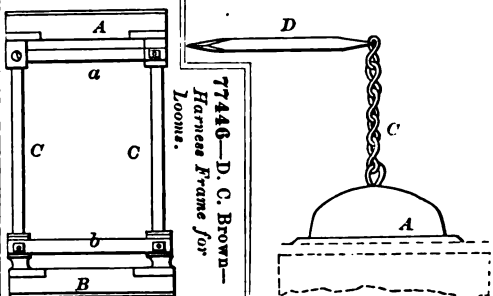
77443—E. Bredt—*Button.*



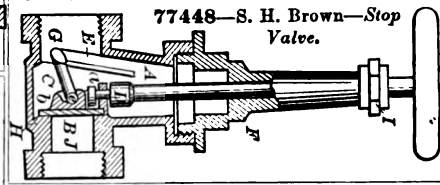
77445—W. S. Bronson—*Grate.*



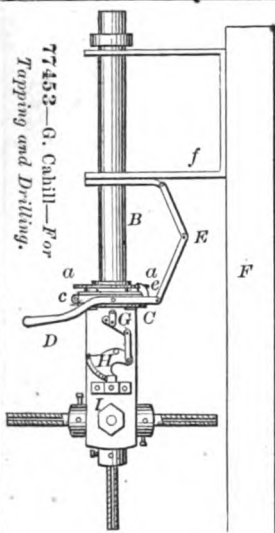
**77447—F. W. Brown—***For Soldering the Lids of Cans.*



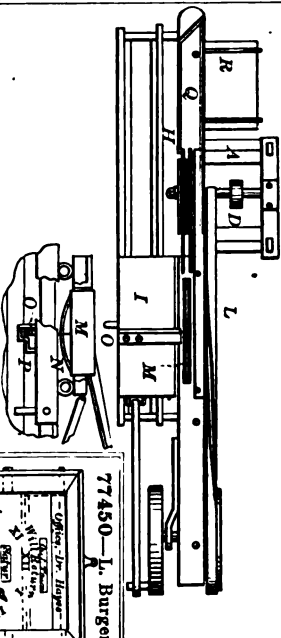
77448—S. H. Brown—*Stop Valve.*



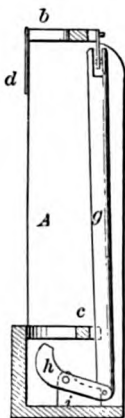
**77453—G. Cabill—*Fo***  
*Tapping and Drilling.*



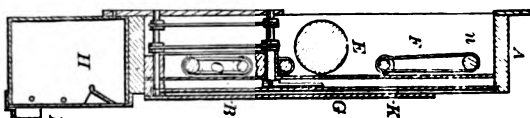
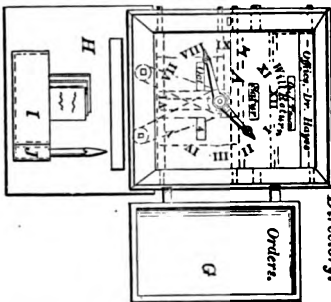
**77449—T. Bruuo—For Sawing Lath.**



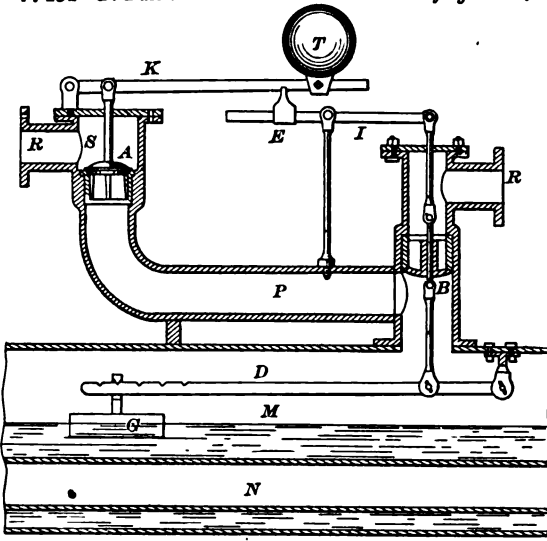
**77452—V. H. Buschmann—Billiard Cue Rack.**



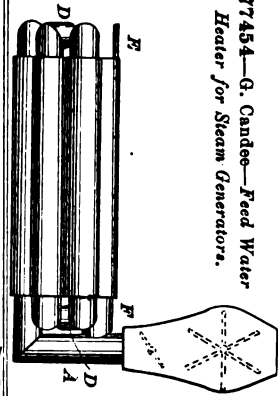
**77450—L. Burger—Door**  
**Directory.**



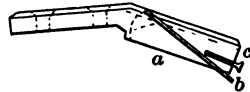
**77451—D. Burns—Low Water Detector and Safety Valve.**



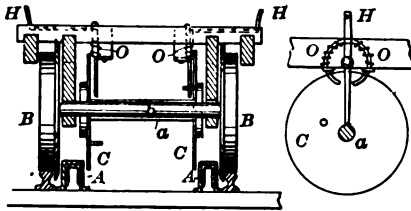
**77454—G. Candee—Feed Water Heater for Steam Generators.**



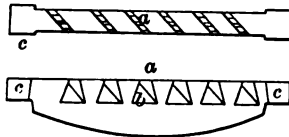
**77455—C. P. Carter—For Sharpening Watch Wood.**



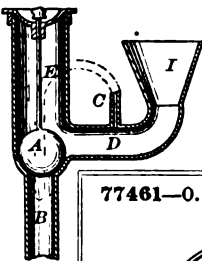
**77456—Christian & Gunn—Railroad.**



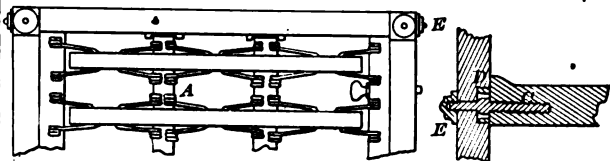
**77458—H. Collinson—Grate Bar.**



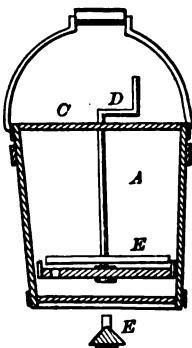
**77459—G. Conron—Water Closet.**



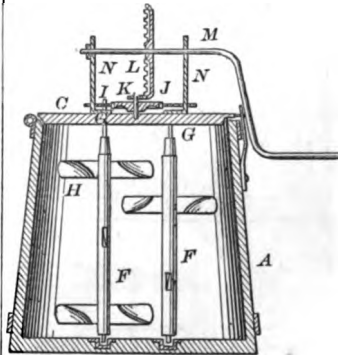
**77457—J. C. Clime—Bedstead Fastener.**



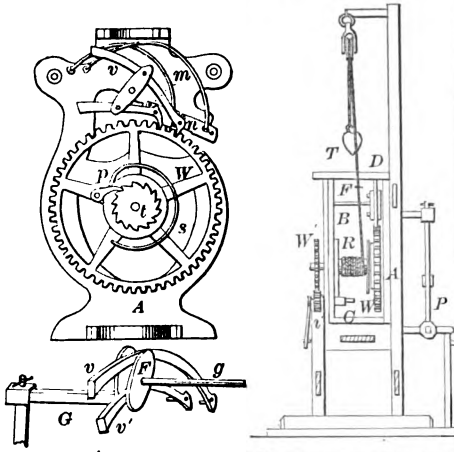
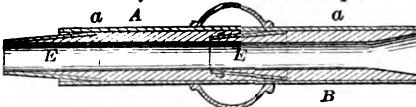
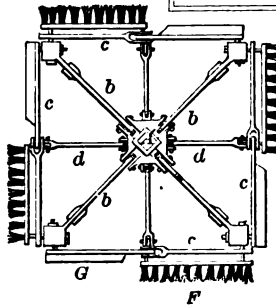
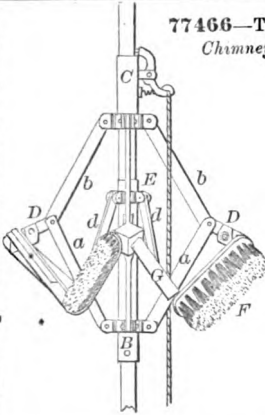
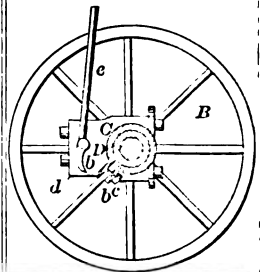
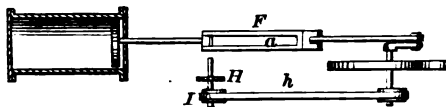
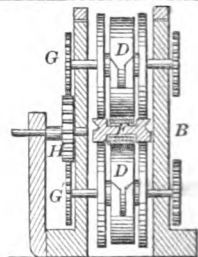
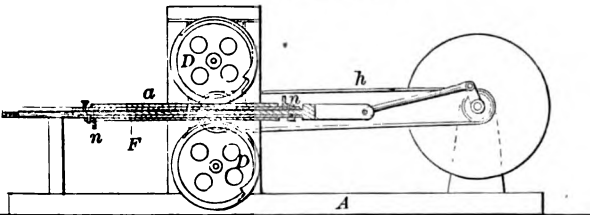
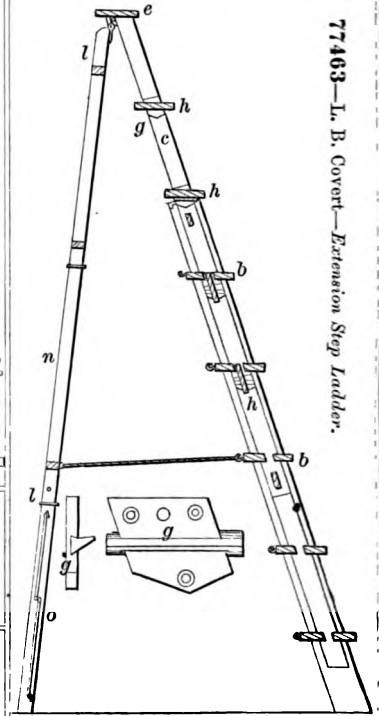
**77461—O. H. Cooke—Potato Washer.**



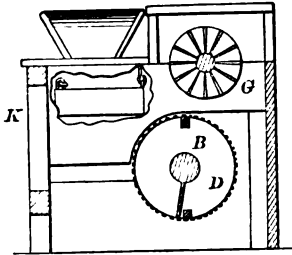
**77460—A. L. Converse—Churn.**



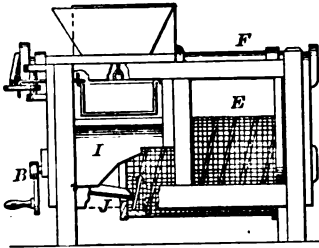
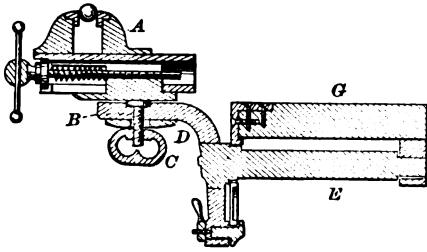


77462—A. B. Corby—*Churn.*77465—E. Dayton—*Cement Water Pipe.*77466—T. H. Donohue—*Chimney Cleaner.*77467—C. Ducreux—*Wagon Brake.*77464—J. P. Davis—*Mechanical Movement.*77463—L. B. Covert—*Extension Step Ladder.*

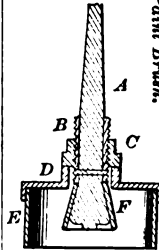
**77468—M. Eckley—*For Cleaning Grain.***



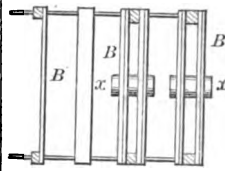
**77472—I. Fisher—Vise.**



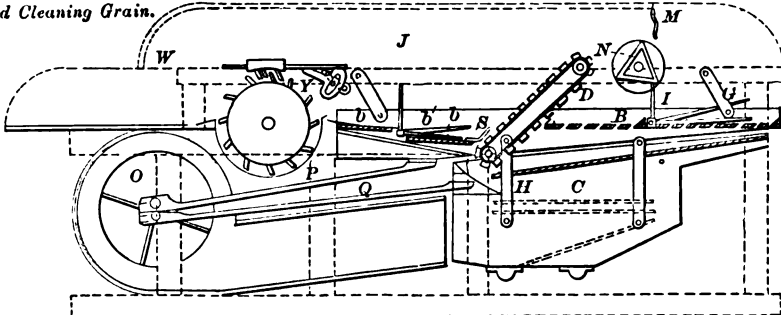
77475—W. H. Forker—  
Paint Brush.



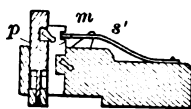
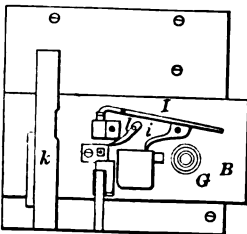
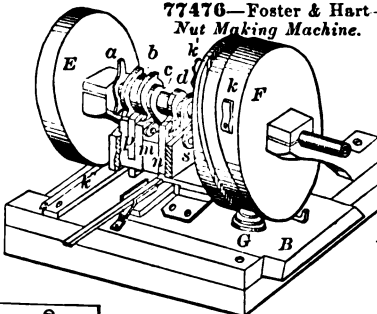
**77473—W. A. Flanders—**  
*Behive.*



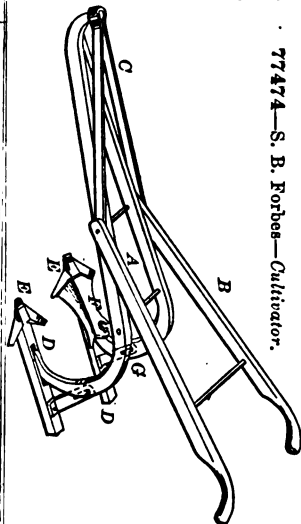
77471—W. B. Emery—*For Threshing  
and Cleaning Grain.*

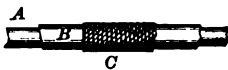
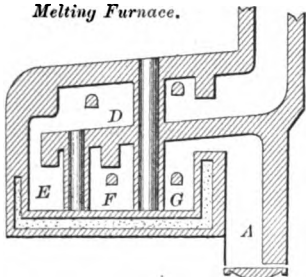
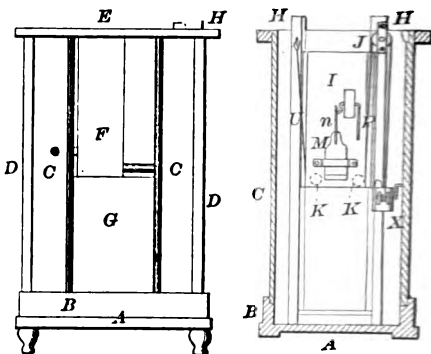
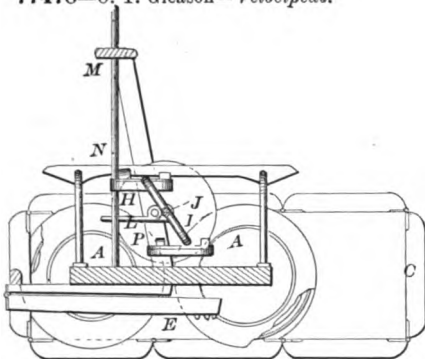
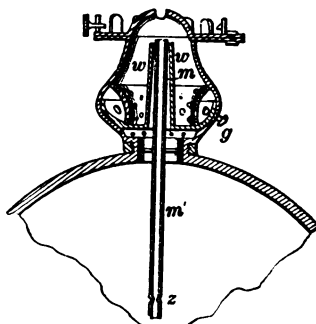
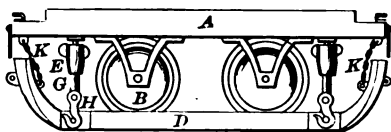
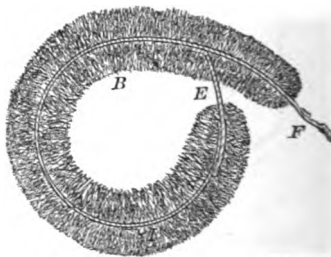
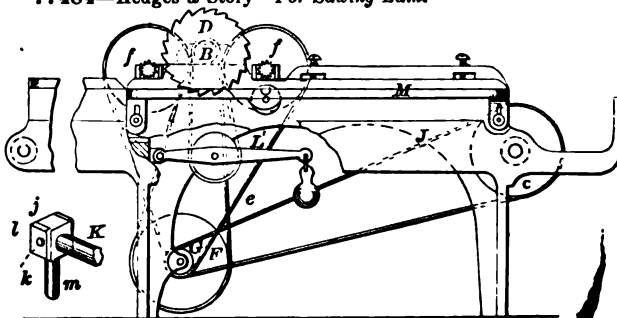


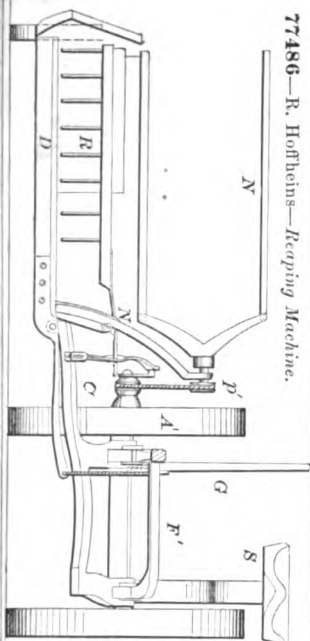
**77476—Foster & Hart**  
*Nut Making Machine.*



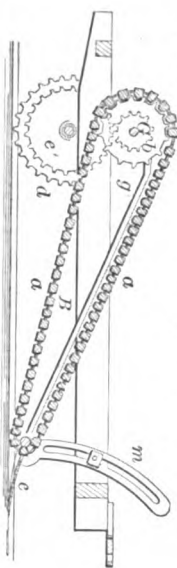
77474—S. B. Forbes—*Cultivator*.



77477—J. R. Gillett—*Whip.*77479—L. B. Goodhue—*Glass Melting Furnace.*77480—J. Gourlay—*Portable Bath House.*77478—O. T. Gleason—*Velocipede.*77481—Gracie & Boyd—*Lamp Burner.*77485—J. J. Herrick—*Street Car.*77483—E. H. Hart—*Fur Cuff.*77484—Hedges & Story—*For Sawing Lath.*77482—H. S. Grimes—*Suspension Ring.*

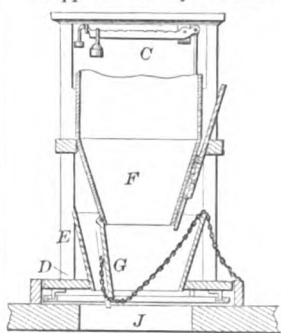


77486—R. Hoffmann—Reaping Machine.

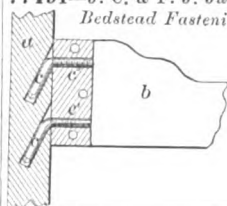


77487—Howard & Avery—Ditching and Grading Machine.

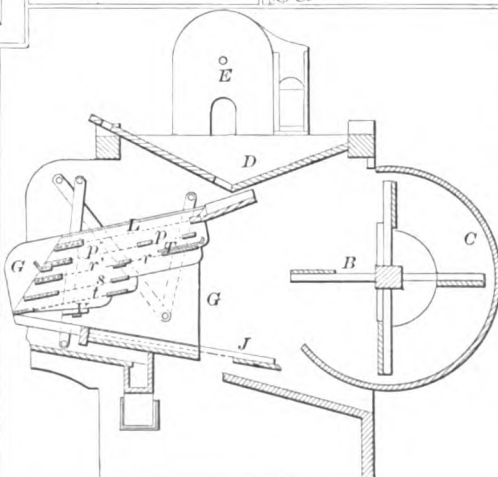
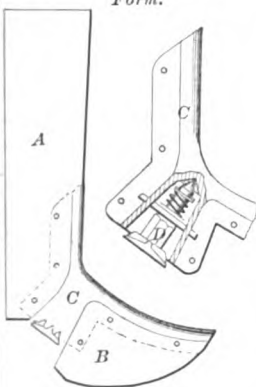
77488—F. E. & L. I. Howe—Hopper and Platform Scales.



77491—J. C. & F. J. Jackson—Bedstead Fastening.

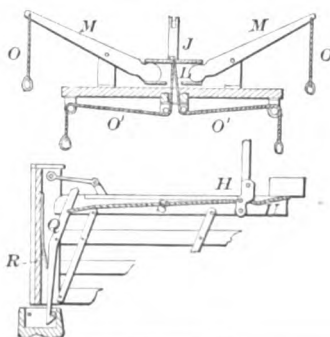
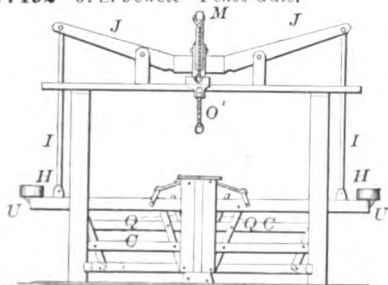


77489—J. Howe—Boot Form.

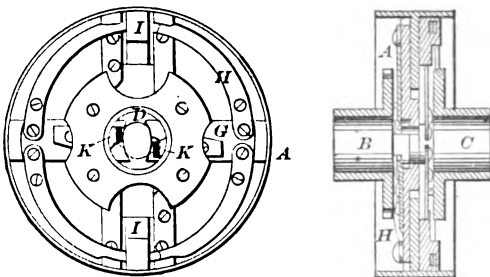


77490—S. S. Harbut—Grain Separator.

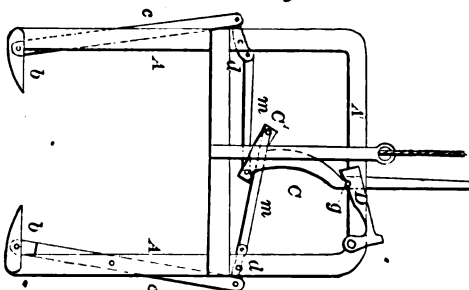
77492—J. S. Jewett—Fence Gate.



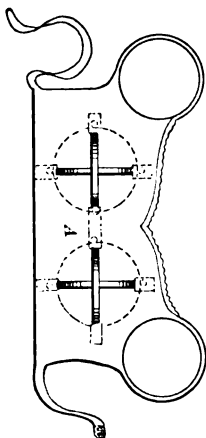
77495—S. U. King—Wood Turning Lathe.



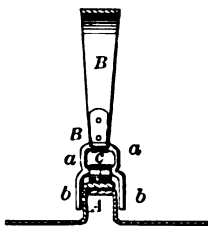
77496—H. Kraft—Horse Hay Fork.



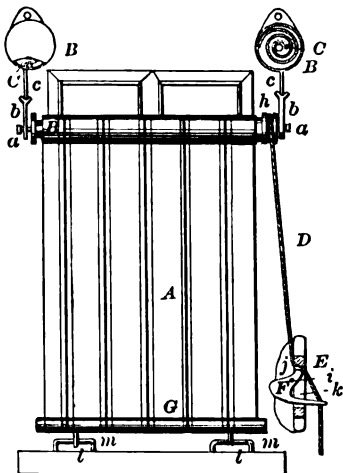
77493—A. H. Johnson—Broom Pad.



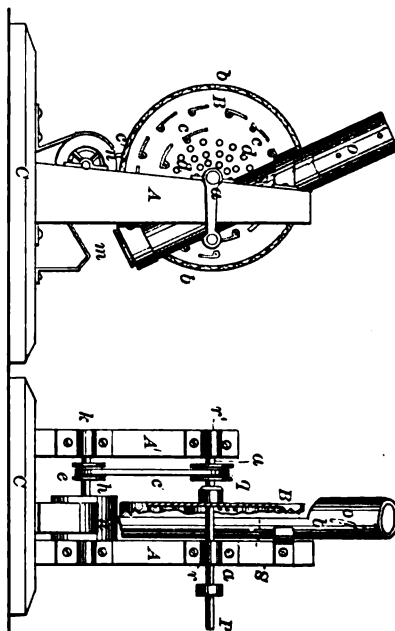
77497—J. Lagowitz—Traveling Bag.



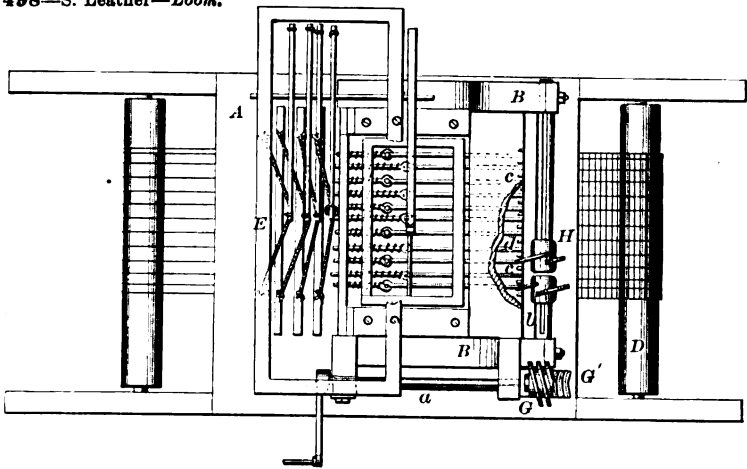
77499—J. D. &amp; I. W. Legg—Curtain Fixture.



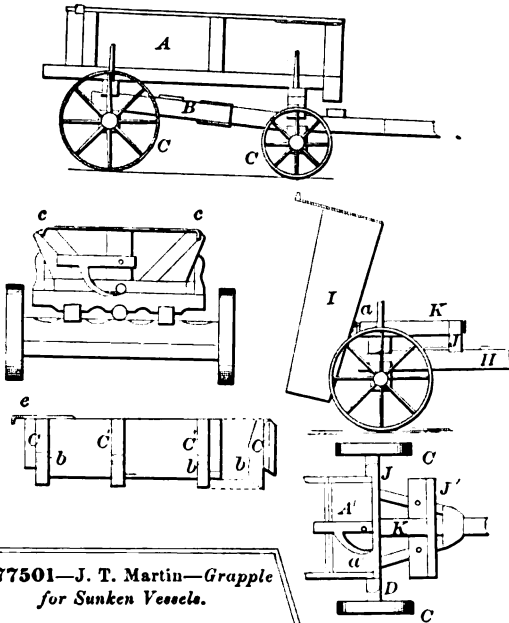
77494—M. Jones—Corn Husker, Sheller, &amp;c.



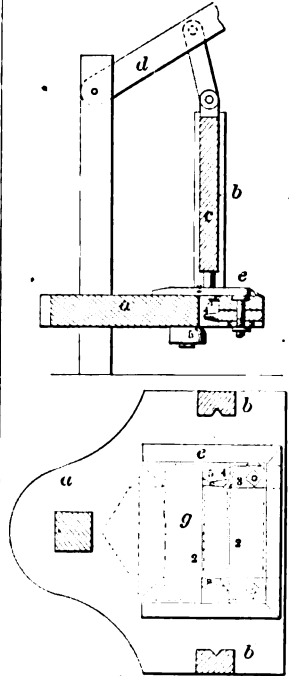
77498—S. Leather—Loom.



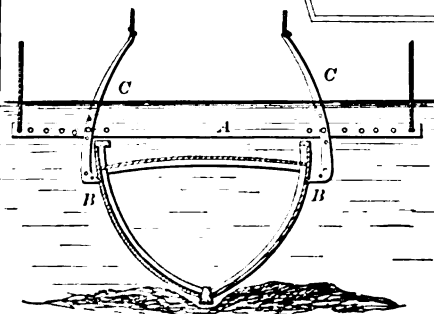
77500—C. Mahan—Farm Wagon.



77502—C. O. Maxfield—For Forming Pasteboard Boxes.

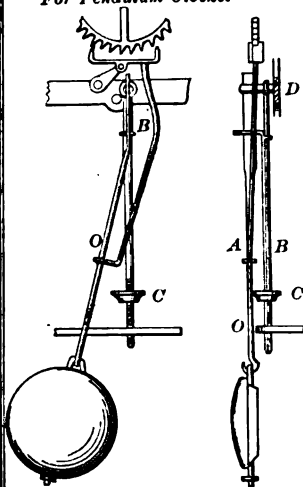
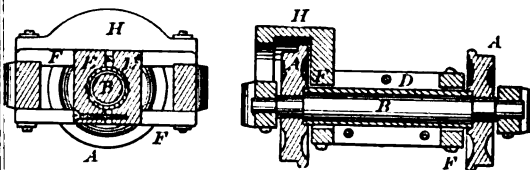
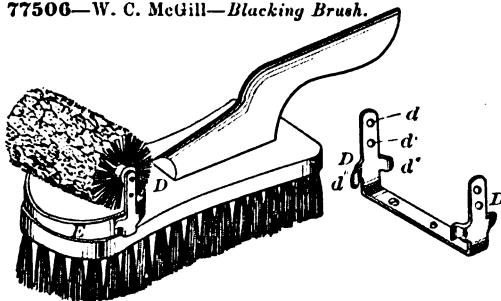
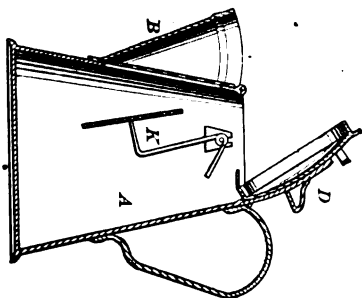
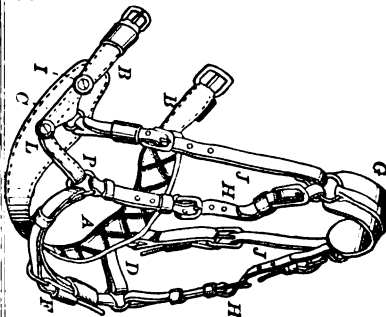
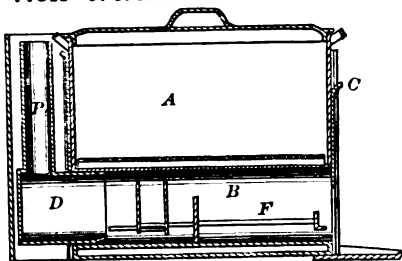
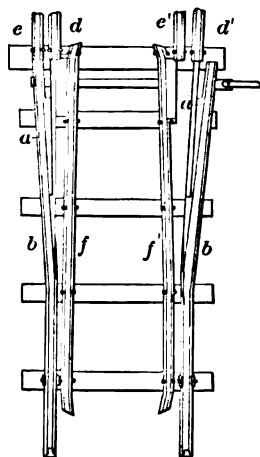
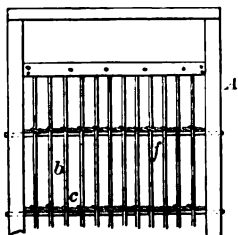


77501—J. T. Martin—Grapple for Sunken Vessels.

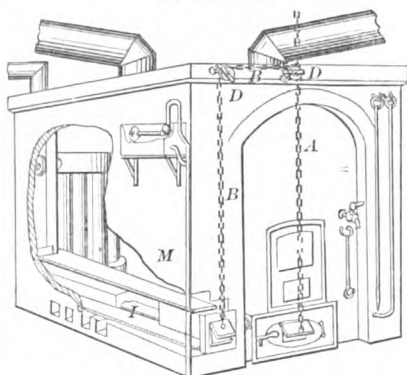


77503—J. McCarthy—Pipe Coupling.

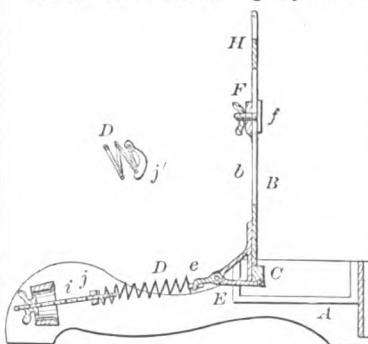


**77504**—O. P. McDonald—*For Pendulum Clocks.***77505**—D. McFarland—*Railroad Truck.***77506**—W. C. McGill—*Blacking Brush.***77507**—S. McGuffin—*Coffee and Tea Pot.***77508**—McMullen & Rock—*Harness.***77511**—J. C. Merrell—*Wash Boiler.***77510**—E. Mercier—*Railroad Switch.***77509**—R. McMurray—*Sand Screen.*

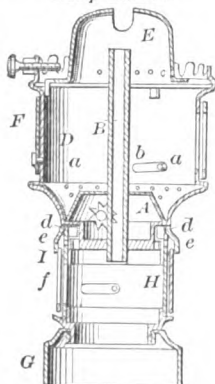
77512—A. H. Mershon—*Damper for Hot Air Furnaces.*



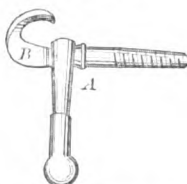
77513—H. F. Metzler—*Spring Horse.*



77514—Miles & Remsen—*Lamp Burner.*



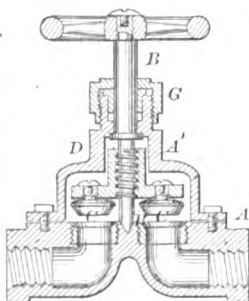
77515—G. L. Miller—*Trace Hook.*



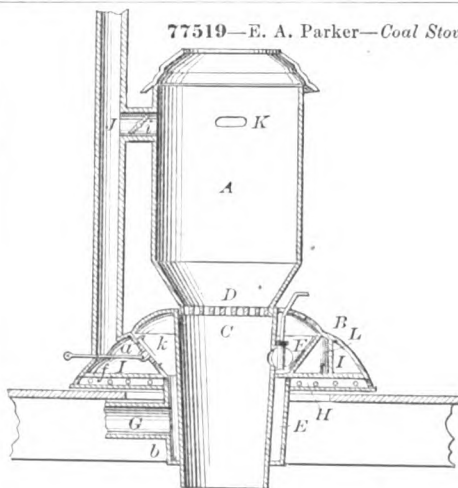
77516—S. P. P. Miller—*Basket.*



77517—Moore & Howes—*Steam Globe Valve.*



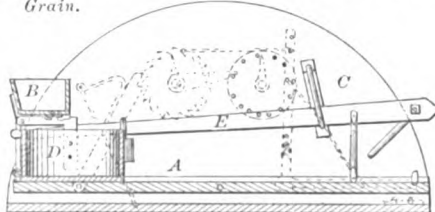
77519—E. A. Parker—*Coal Stove.*



77518—J. Moulton—*Manufacture of Elastic Rolls.*



77521—W. H. Pfirmer—*Measuring and Registering Grain.*





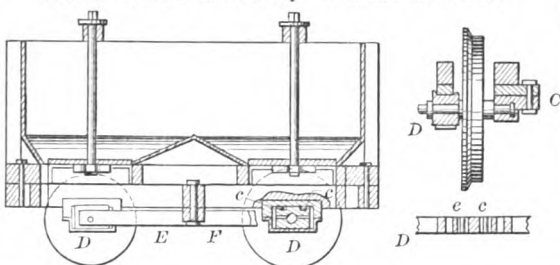
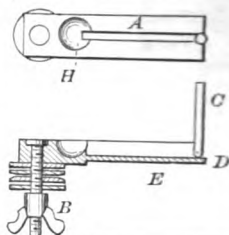
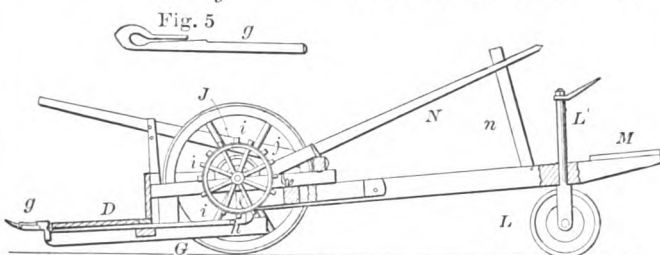
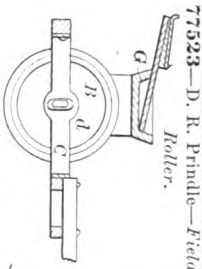
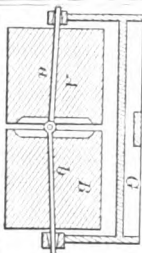
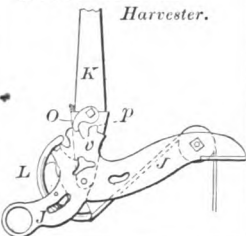
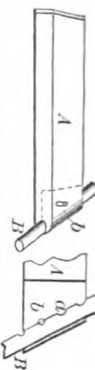
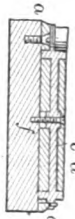
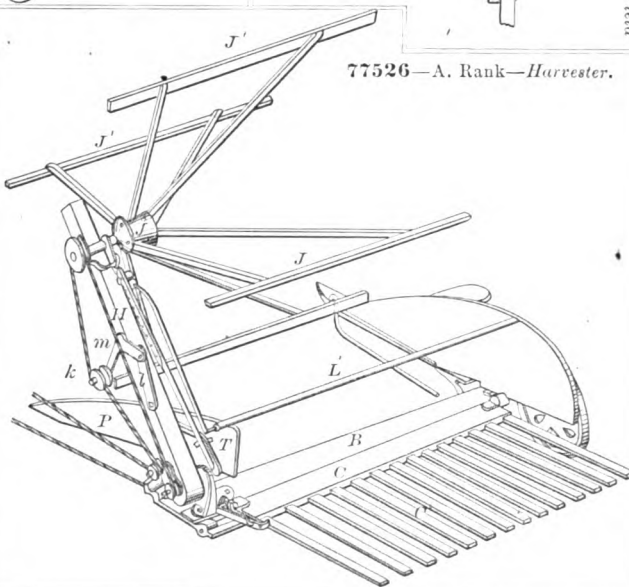
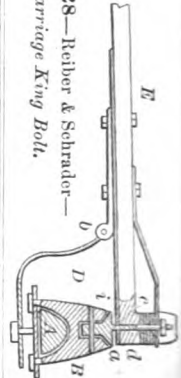
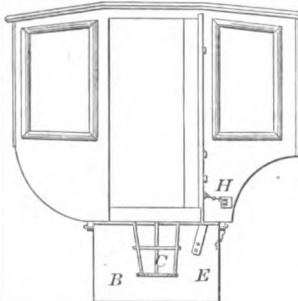
77520—J. R. & D. W. Perry—*Railroad Car Truck.*77527—O. H. Reed—*Guide Gauge for Printing Presses.*

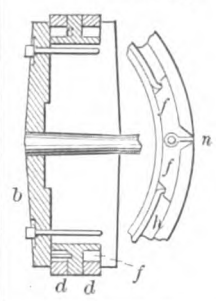
Fig. 6

77524—J. Ramsey—*Harvester.*77525—A. Rank—*Harvester.*77523—D. R. Prindle—*Field Roller.*77522—F. A. Potter—*Tool Holder.*77529—F. Richardson—*Boot Heel.*77526—A. Rank—*Harvester.*77528—Reiber & Schnader—*Carriage King Bolt.*

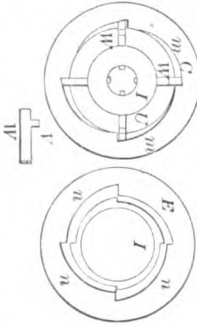
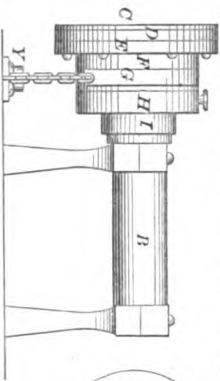
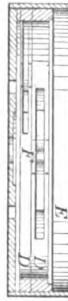
77531—A. Q. Ross—*Carriage  
Step Screen.*



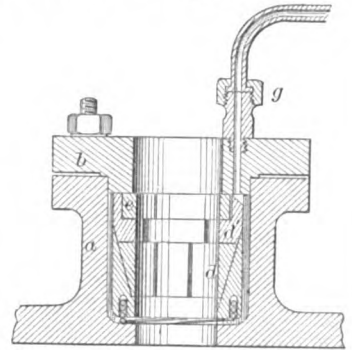
**77533**—F. J. Roth—  
*Piston Packing.*



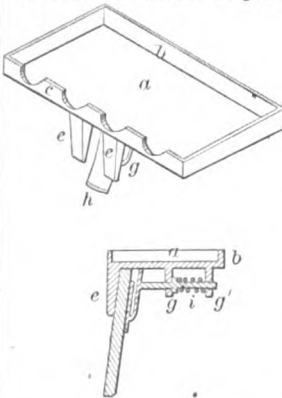
77530—J. H. Richardson—*Screw Cutting Machine.*


77532—F. J. Roth—*Piston Packing*.

77534—F. J. Roth—*Stuffing Box Packing.*



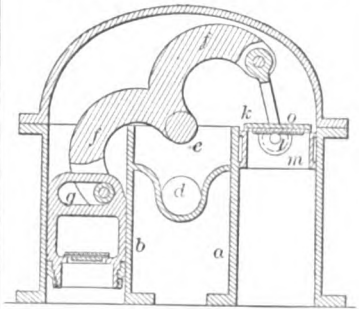
**77536**—M. Safford—*Soap Holder*.



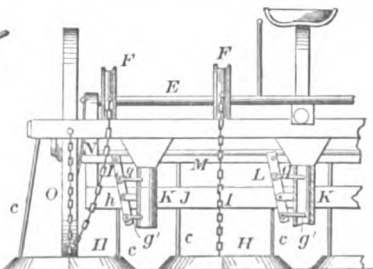
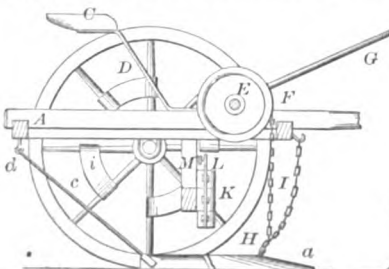
**77539—**Schevenell & Rembert—*For Treating Piles.* B a 



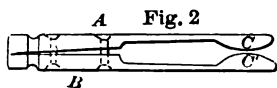
77538—0. Salgee—*Pump Piston.*



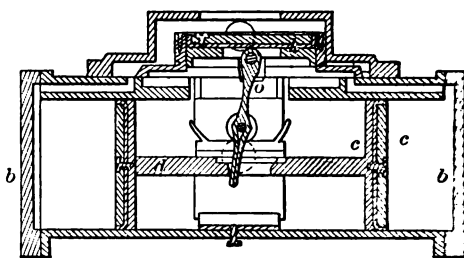
77535—C. Rubbles—*Planter and Cultivator.*



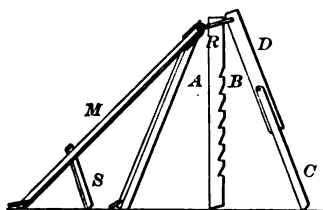
77540—E. Seaver—Clothes Pin.



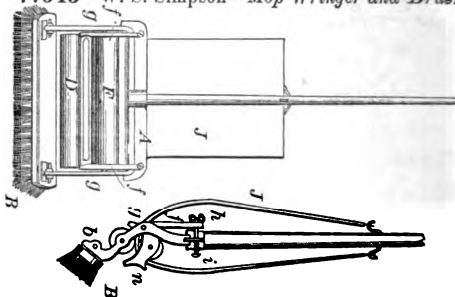
77542—G. Sickels—Water Meter.



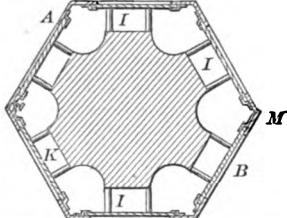
77541—J. Sheldon—Derrick.



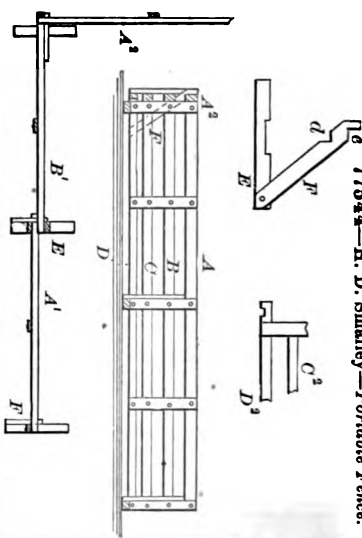
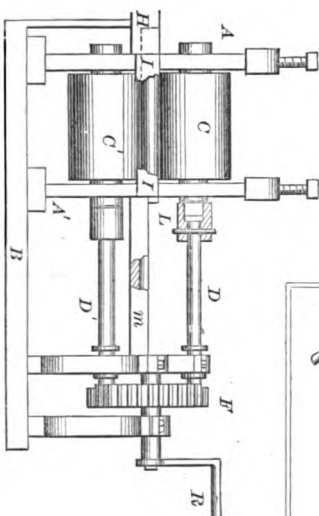
77543—W. S. Simpson—Mop Wringer and Brush.



77545—J. Sonnedecker—Advertising Frame.

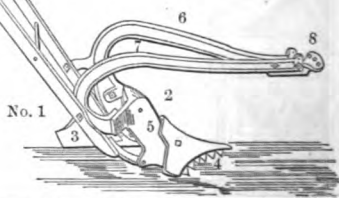


77546—J. Stackhouse—Polishing Machine.

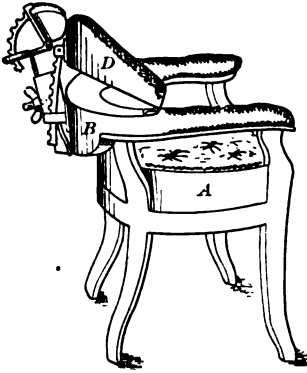


77544—H. D. Smalley—Portable Fence.

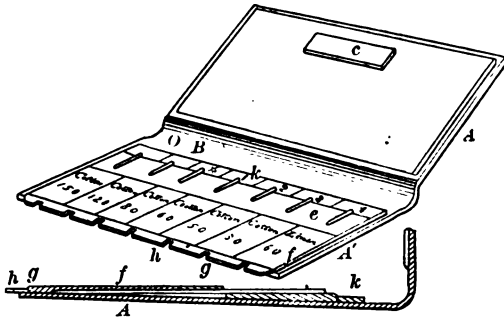
77547—P. H. Starke—Plow.



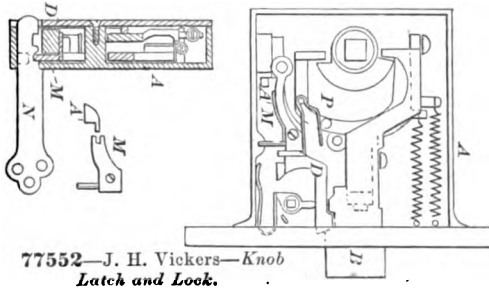
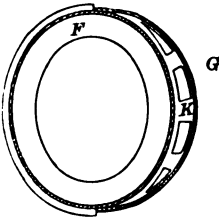
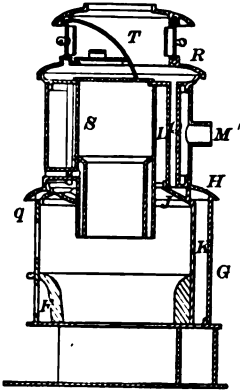
77548—J. & J. Stock—Chair.



77551—J. F. Umpleby—Needle Book.

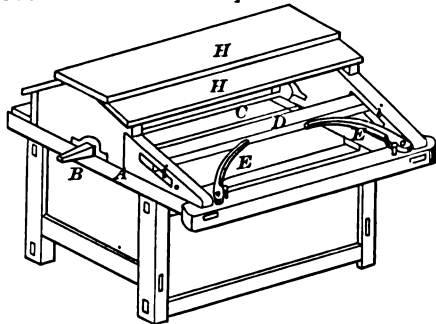


77549—Stuart & Bridge—Stove.

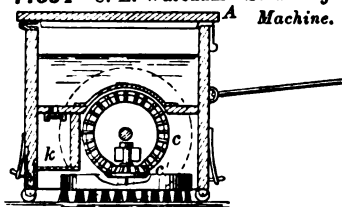


77552—J. H. Vickers—Knob Latch and Lock.

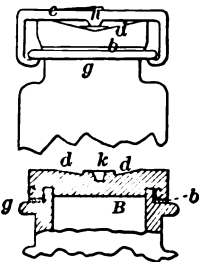
77553—D. F. Wallace—Hemp Brake.



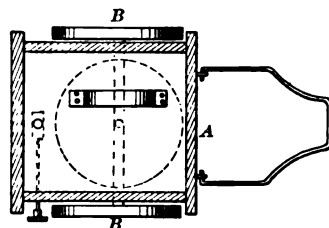
77554—C. E. Wareham—Scrubbing Machine.



77555—J. Weidig—Fruit Jar.



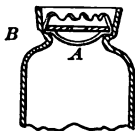
77550—C. H. Thurston—Attaching Knobs to Screws.



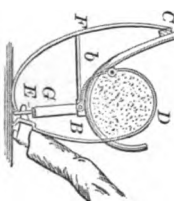
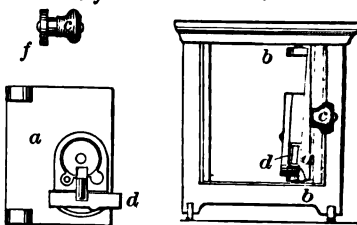


77556—M. M. Wells—Grain Rake.

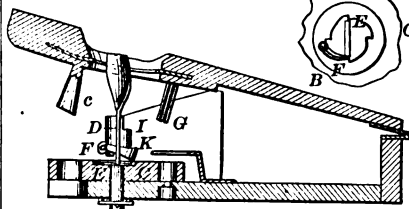
77559—Worcester &amp; Brown—Fruit Jar.



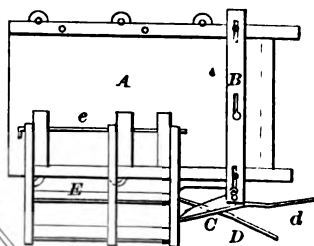
77560—A. &amp; G. F. Wright—Toy Safe and Puzzle Lock.



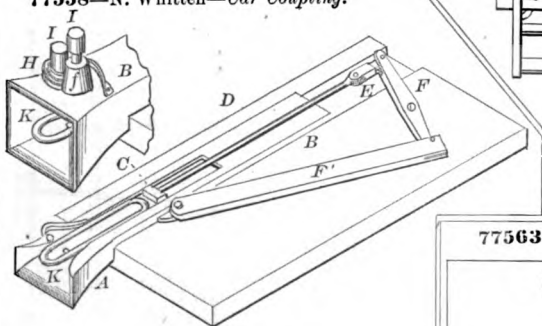
77561—R. Wright—Cherry Stoner.



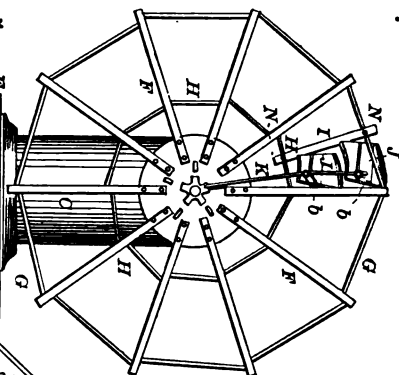
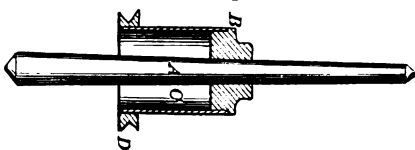
77562—P. C. Yost—Corn Harvester.



77558—N. Whitten—Car Coupling.

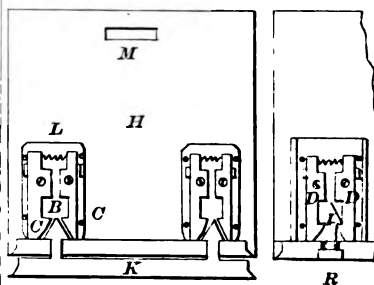


77566—E. Attwood—Spindle.

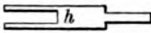
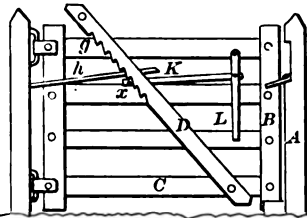


77557—J. A. Wheeler—Wind Mill.

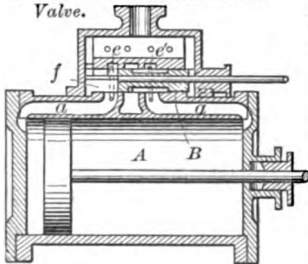
77563—A. W. Adams—Meter Safe.



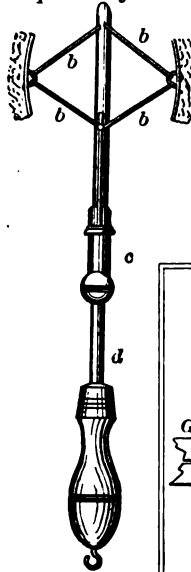
77564—J. Adams—Gate.



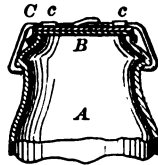
77569—J. S. Barden—Slide Valve.



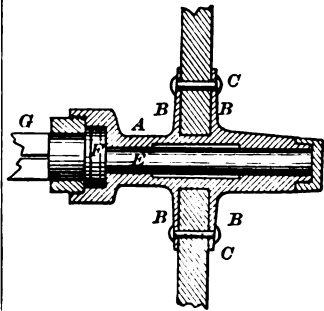
77567—L. J. Baker—Lamp Chimney Cleaner.



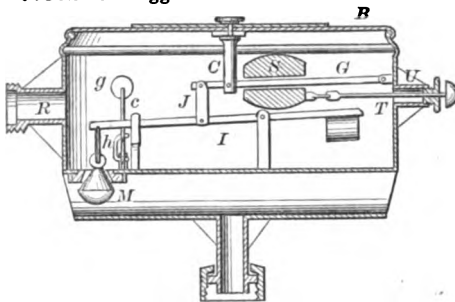
77570—T. E. Batterson—Fruit Jar.



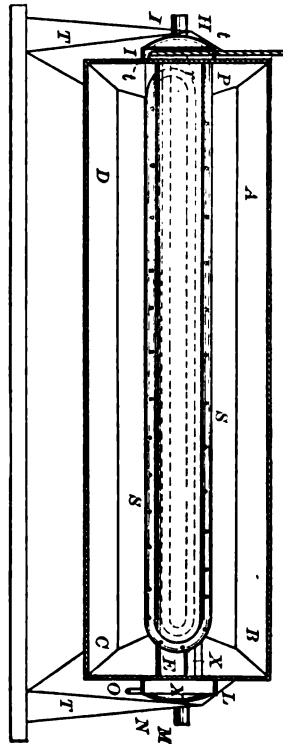
77568—W. W. Ball—Metal Hub.



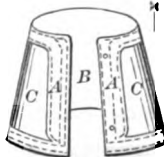
77572—E. Beggs—Gas Governor.



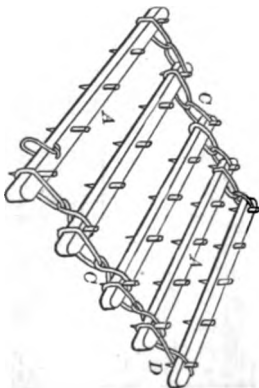
77571—H. J. Beckwith—For Cleaning Feathers.

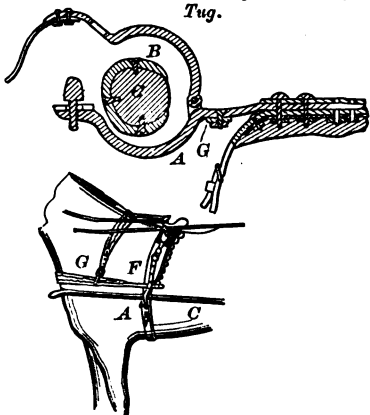
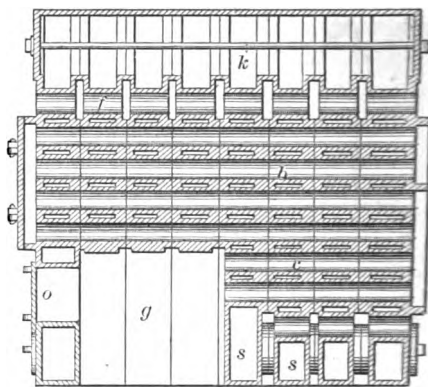
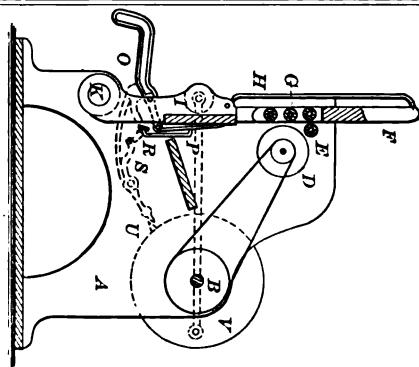
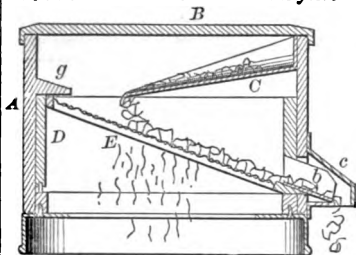
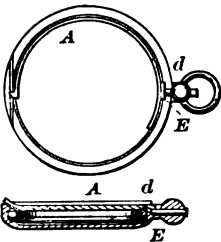
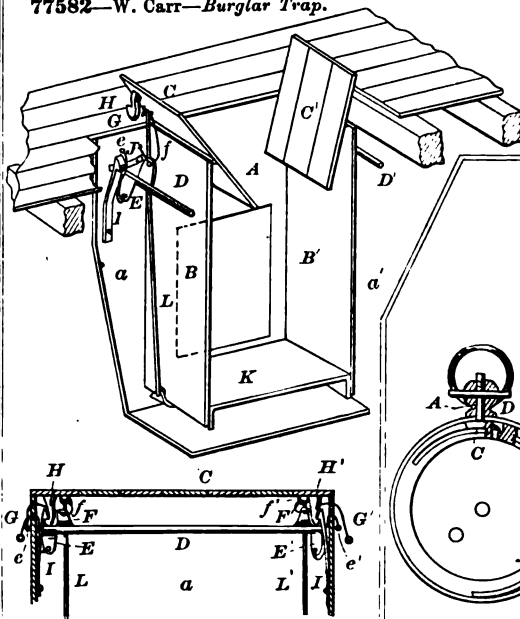
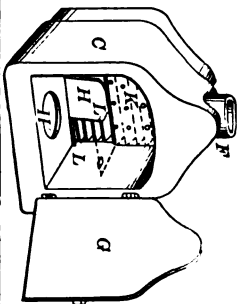
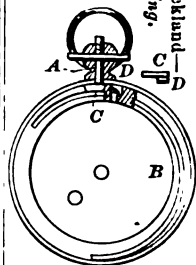


77573—Blakey & Fox—Collar and Cuff.



77574—C. D. Blim—Flexible Harrow.



77575—H. Bowers—*Draught and Shaft Tug.*77576—J. Bradley—*Boiler for Heating.*77578—C. Breasted—*Barrel Sifter.*77577—W. Brindwood—*Printing Press.*77579—E. H. Buckland—*Watch Case Spring.*77582—W. Carr—*Burglar Trap.*77581—E. Bussey—*Oven.*77580—E. H. Buckland—*Watch Case Spring.*

77584—Clarke & Edson—Steam Engine Register.

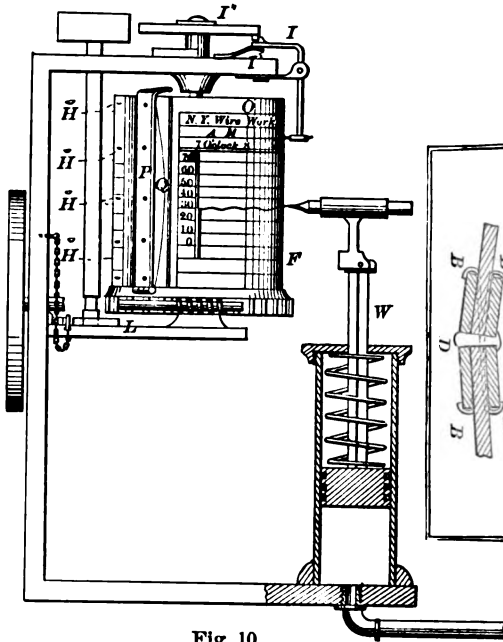


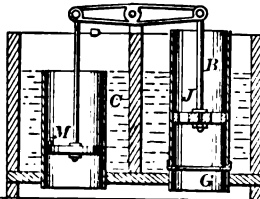
Fig. 10

New York	N. Y. Wire Work	May 11/84	67	R. L. M. Engineer
100000				
90000				
80000				
70000				
60000				
50000				
40000				
30000				
20000				
10000				
0				

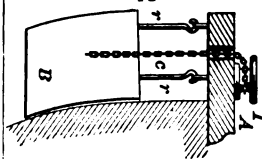
MEMORANDA  
All to be made  
Carefully



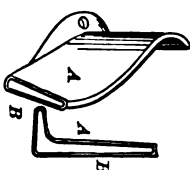
77586—J. R. Clarke—Waste Gate.



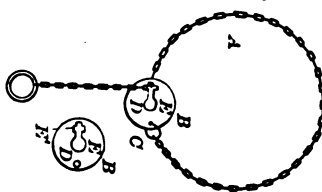
77590—W. H. Conway—Steering Apparatus.



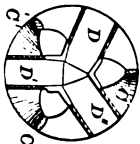
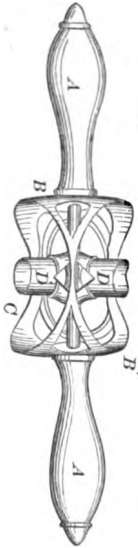
77588—J. P. Collins—Water Wheel.



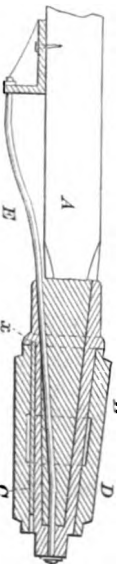
77587—L. H. Colburn—Bag Fastener.



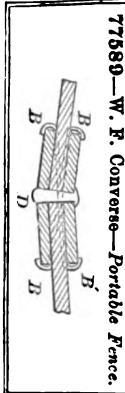
77583—S. E. Clamp—Biscuit Cutter.



77585—G. E. Clarke—Stein and Axle Box.

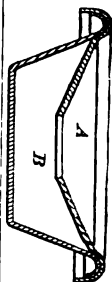
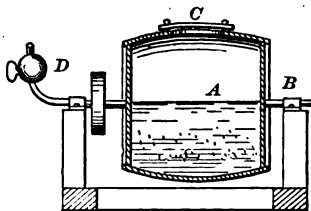
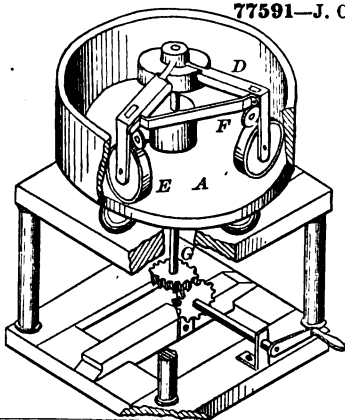


77589—W. F. Converse—Portable Fence.

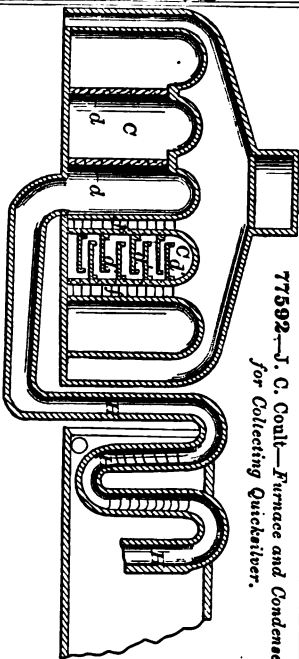




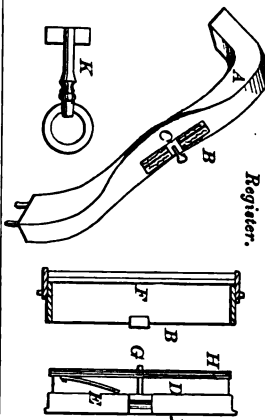
77591—J. Corson—Collecting Metals from Ores.



77594—F. E. Darrow—Spilltoon.

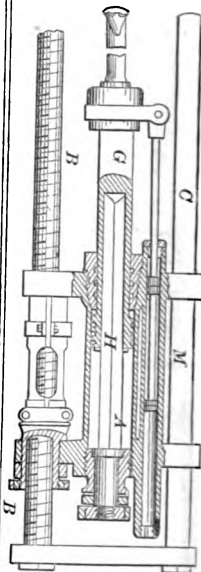
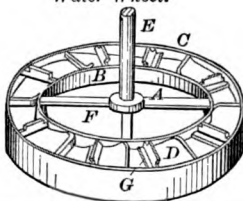


77592—J. C. Coak—Furnace and Condenser for Collecting Quicksilver.

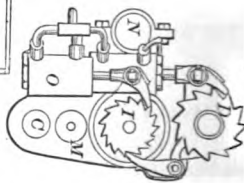


77593—S. F. Covington—Railroad Fuse Register.

77595—Dewey &amp; Fosdick—Water Wheel.

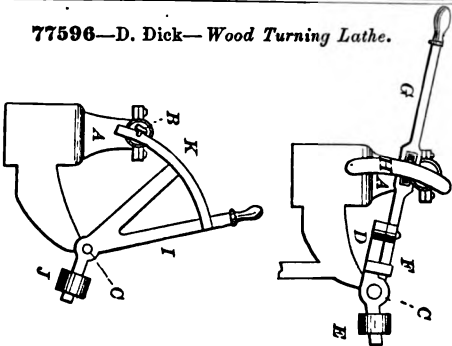


77597—F. B. Doering—Rock Drilling Machine.

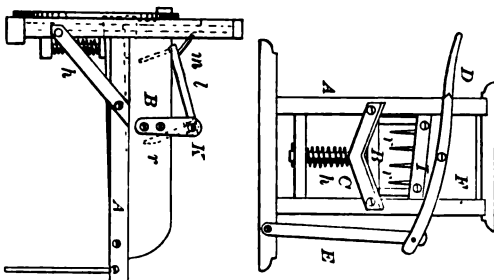


77598—W. M. Doty—Clothes Pin.

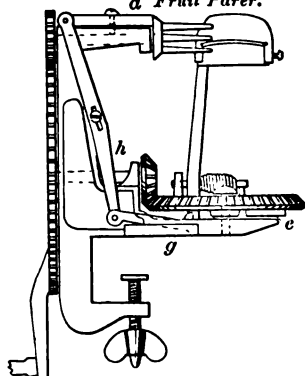
77596—D. Dick—Wood Turning Lathe.



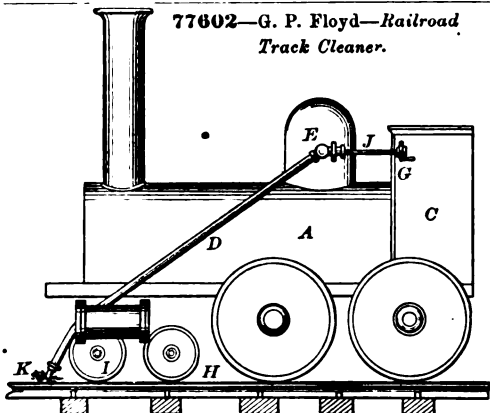
77599—G. A. Edwards—*Straw Cutter.*



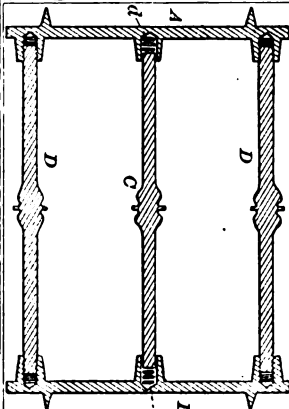
77600—Farewell & Goddard—*a Fruit Parer.*



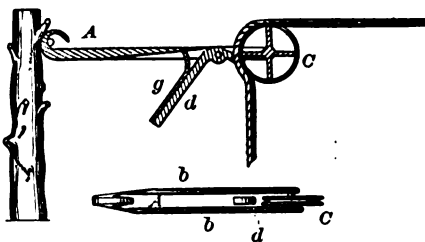
77602—G. P. Floyd—*Railroad Track Cleaner.*



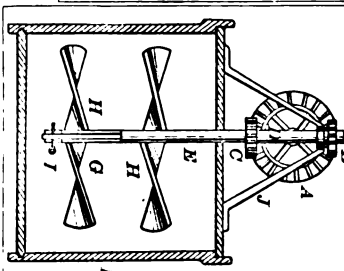
77603—J. F. Ford—*Window Sash Guard.*



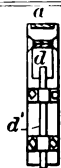
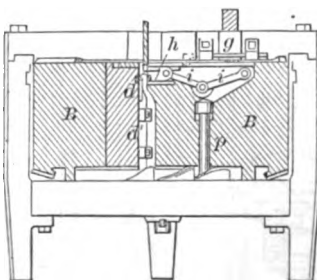
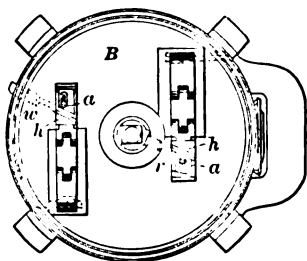
77605—E. H. Gray—*Clothes Line Hook.*

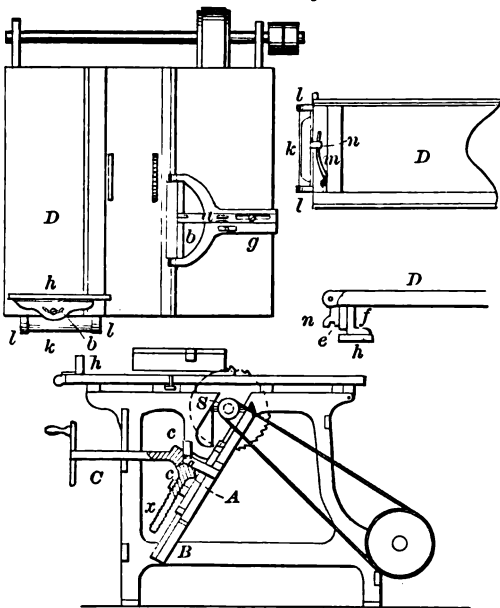
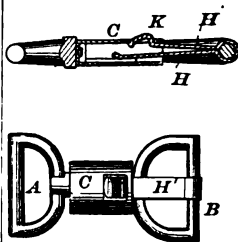
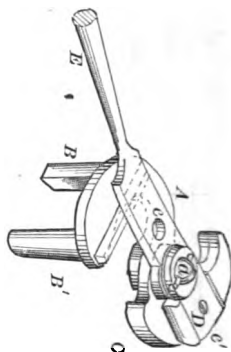
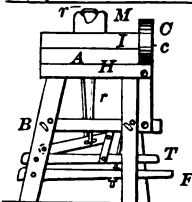
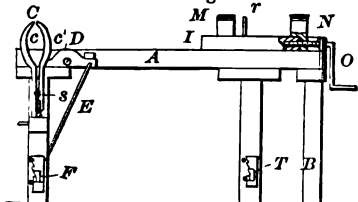
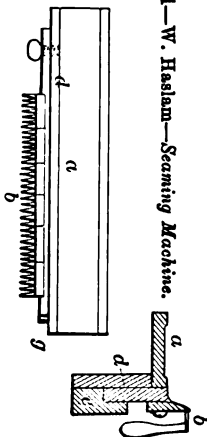
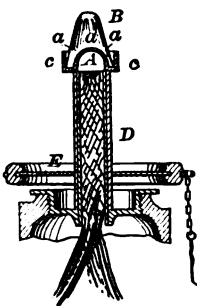
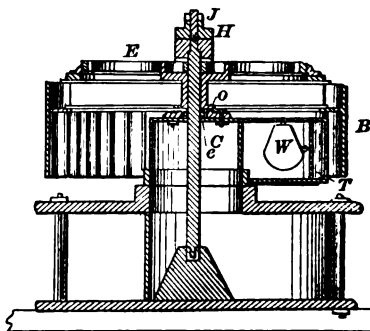
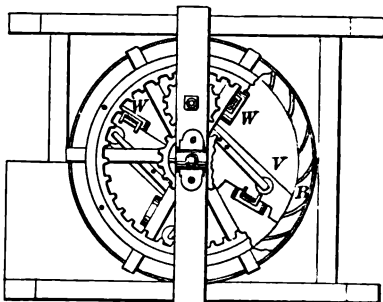


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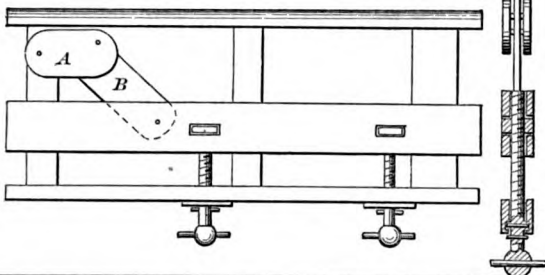


77604—R. C. Grant—*Nail Machine.*

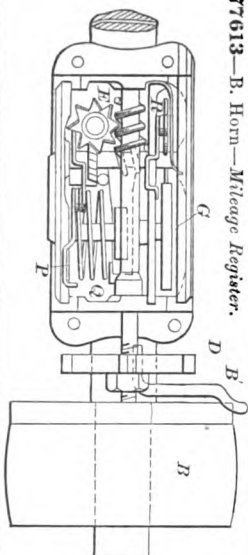


**77606—J. B. Grosvenor—Sawing Machine.****77608—Hale & Hall—Rein Shackle.****77610—E. A. Hall—Floor Clamp.****77607—Hahn & Vogler—Bench.****77611—W. Haslam—Seaming Machine.****77612—Hopkins & Anderson—Vapor Burner.****77609—A. J. Hall—Water Wheel.**

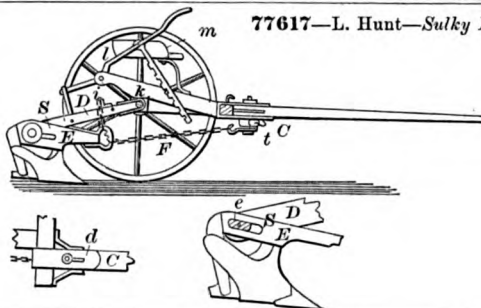
77615—Howell & Oliver—Frame for Stretching Hides.



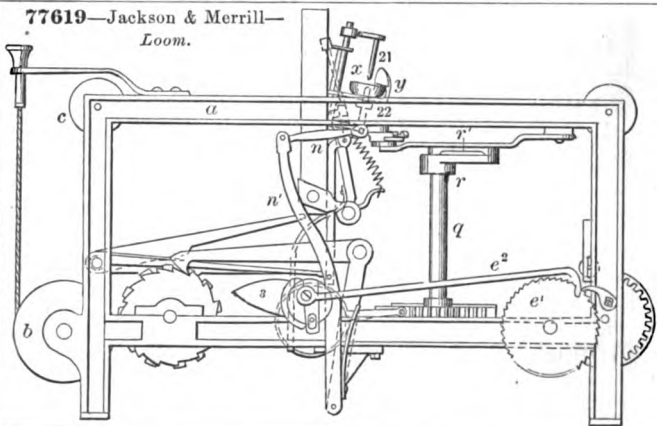
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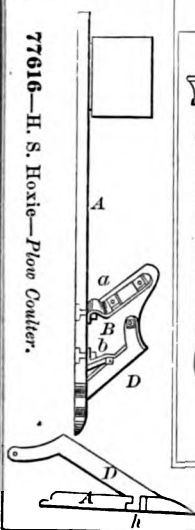
77617—L. Hunt—Sulky Plow.



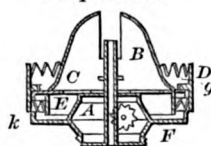
77619—Jackson & Merrill—Loom.



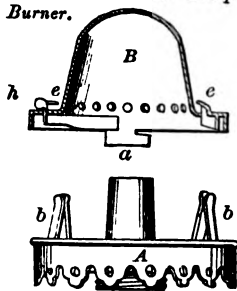
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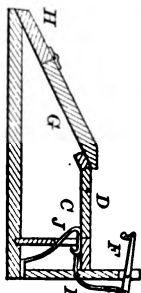
77614—W. W. Horton—Lamp Burner.



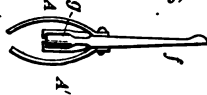
77620—M. Jincks—Lamp Burner.



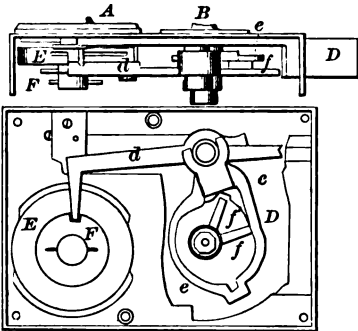
77622—P. W. King—Animal Trap.



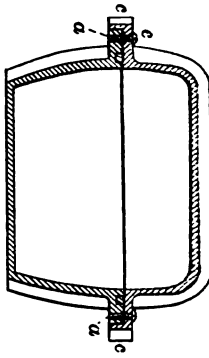
77621—D. A. Jones—Tweezers, Watch Key, &c.



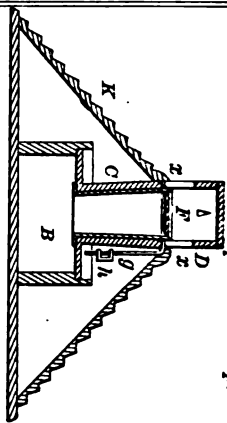
77623—J. Klein—Permutation Lock.



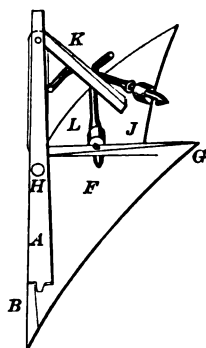
77637—P. F. Lawhio—Self-Sealing Barrel Case.



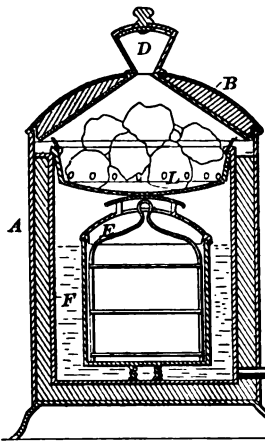
77631—W. C. Marcuis—Flat Trap.



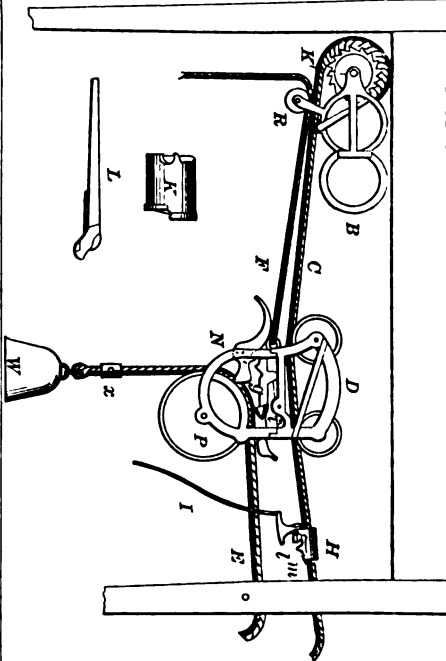
77630—D. A. Mannel—Side Hill Plow.



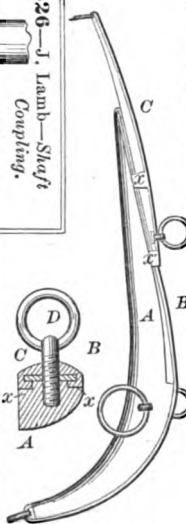
77624—A. Koeh—Cooler and Refrigerator.



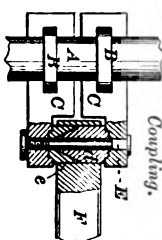
77620—A. D. Manley—Hoisting and Transferring Pulley.



77625—Laacey &amp; Woodbury—Hanes.



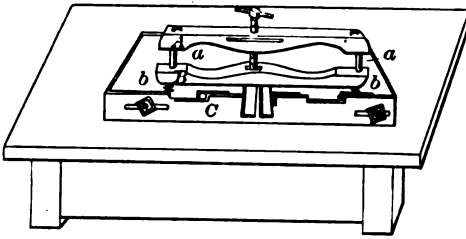
77626—J. Lamb—Shaft Coupling.



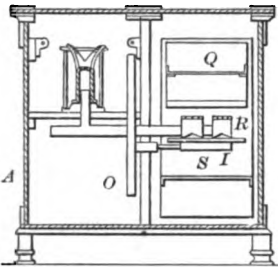
77628—L. D. Lothrop—Fishing Tackle.



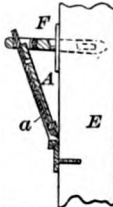
77632—D. S. Marvin—*Knife and Fork Scourer.*



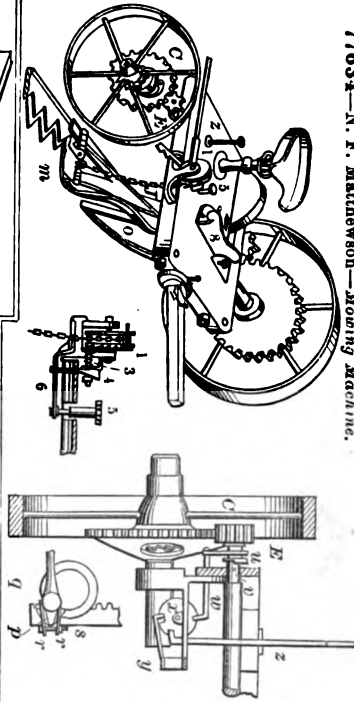
77635—S. T. McDougall—*Gas Heater.*



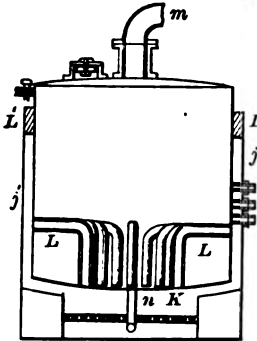
77633—W. K. Marvin—*Door Key Guard.*



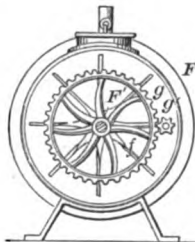
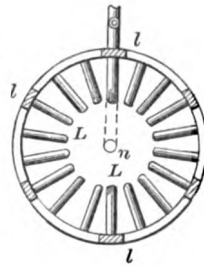
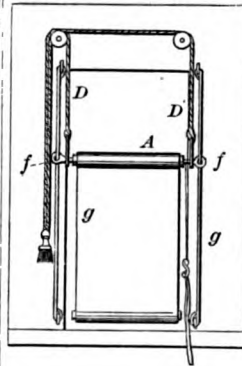
77634—N. F. Mathewson—*Mowing Machine.*



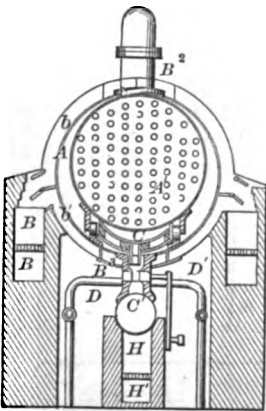
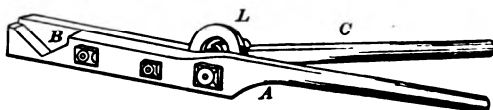
77636—D. F. Mellen—*For Distilling Pine Wood.*



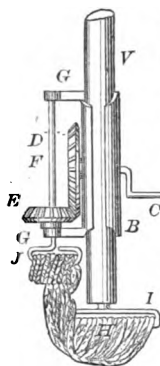
77638—G. L. Miller—*Window Curtain Fixture.*



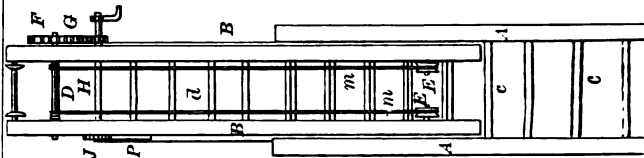
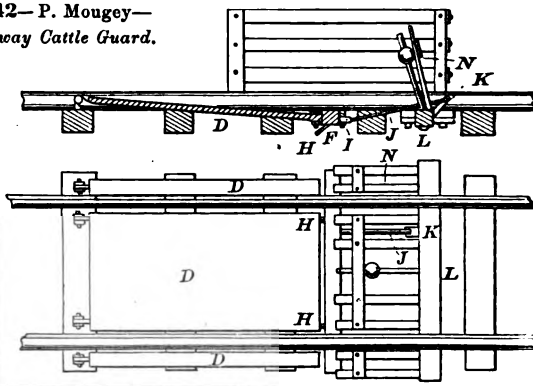
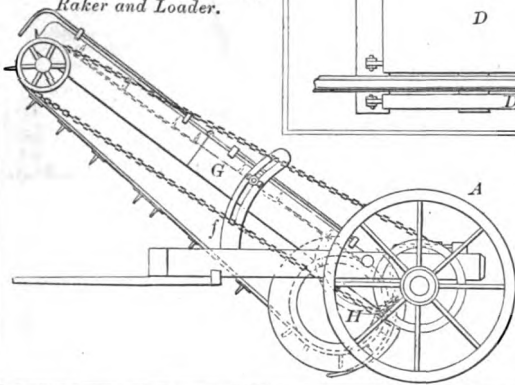
77637—F. Miller—*Bolt Cutter.*



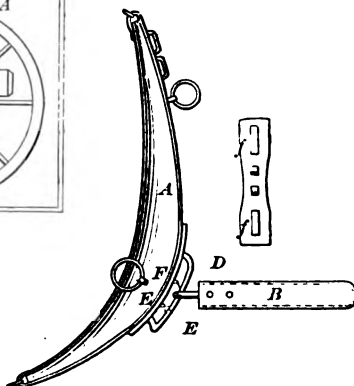
77639—W. R. Mills—Mop Wringer.



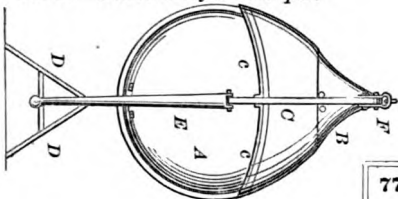
77640—J. F. Morse—Extension Ladder.

77642—P. Mougey—  
Railway Cattle Guard.77641—S. K. Morse—Hay  
Raker and Loader.

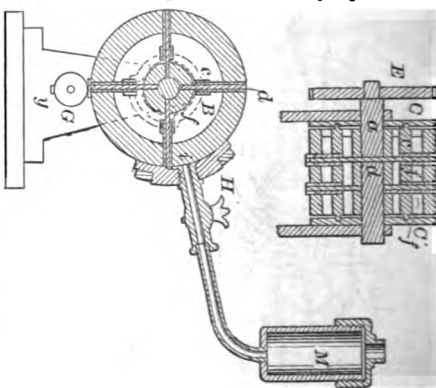
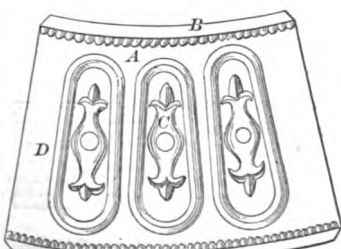
77645—D. M. Nixon—Hames.



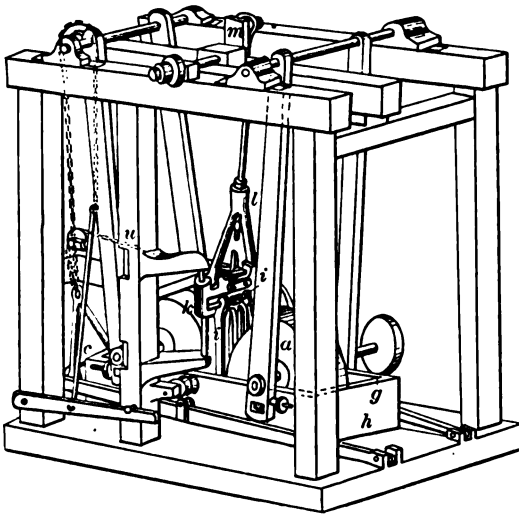
77644—Nelson &amp; Dyer—Scraper.



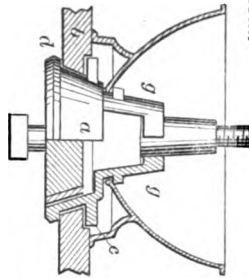
77647—J. M. Osgood—For Casting Eyelets.

77643—W. A. Munn—Blank for  
Sheet Metal Pot.

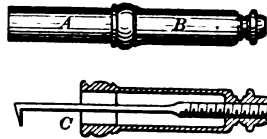
77646—E. Norton—For Grinding File Blanks.



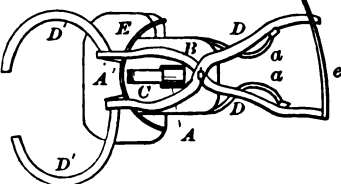
77649—C. & E. Parker—Coffee Mill.



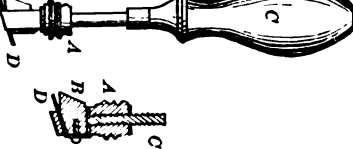
77651—Perkins & Gibbs—Door Fastener.



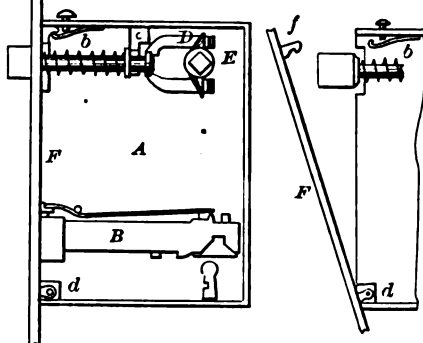
77648—J. H. Park—Bag Holder.



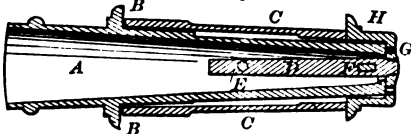
77653—G. W. Pruyne—Channeling Tool.



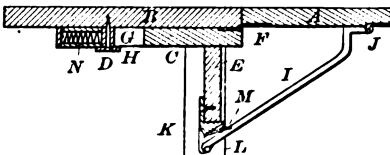
77650—J. E. Parker—Knob Latch.



77656—C. F. Ravn—Wagon Skein.



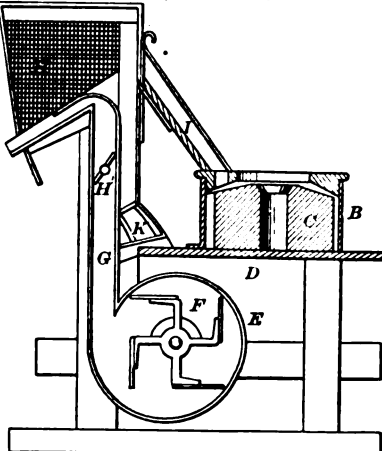
77655—J. S. Rankin—Fall Leaf Table.



77652—H. Preston—Gauge for Weather Boarding.

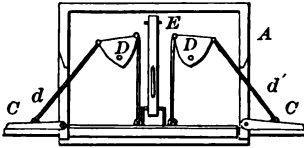
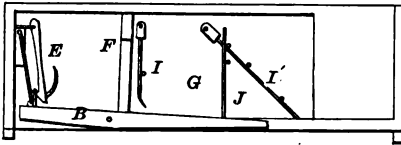


77654—J. Raney—Elevating Grain, &c.

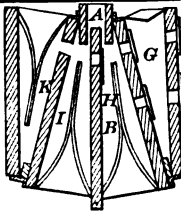
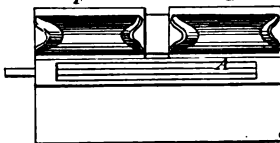




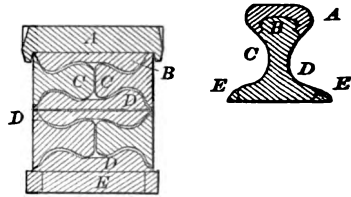
77657—J. H. Reisenger—Animal Trap.



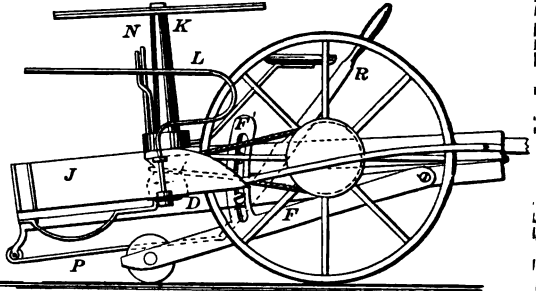
77661—J. Schatz—Reed Organ Bellows. G



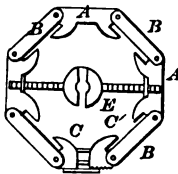
77659—H. Rowe—Railroad Rail Fagot.



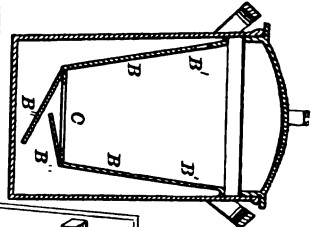
77660—Sarver &amp; Coons—Corn Harvester.



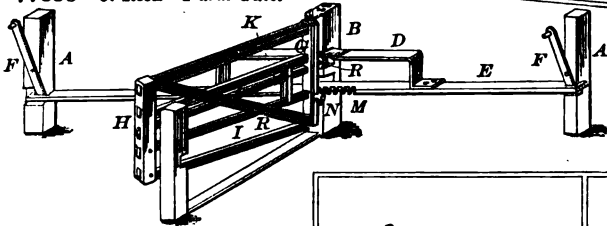
77662—S. Scotton—Tree Box.



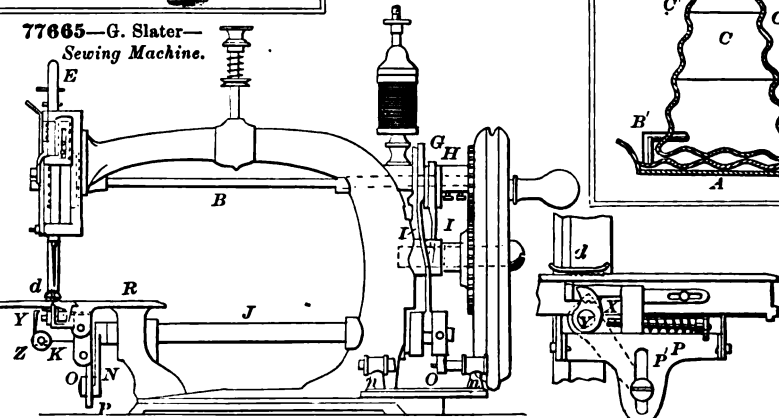
77663—I. D. Seeley—Wash Boiler.



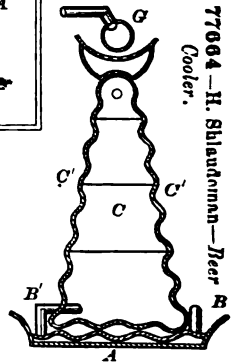
77658—C. Rich—Farm Gate.



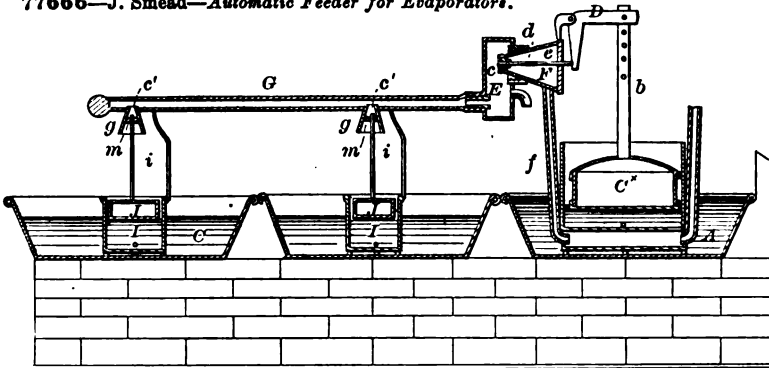
77665—G. Slater—Sewing Machine.



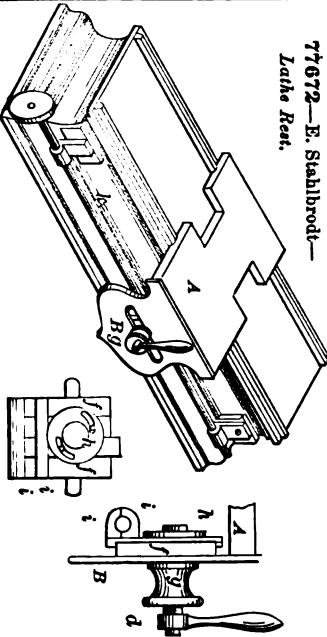
77664—H. Shludeman—Beer Cooler.



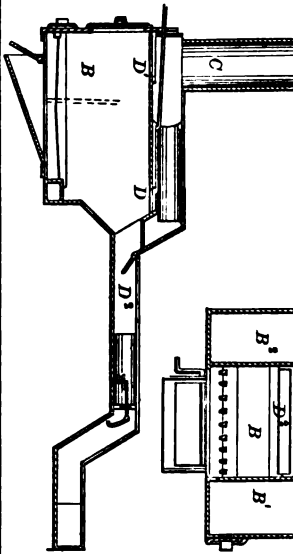
77666—J. Smead—Automatic Feeder for Evaporators.



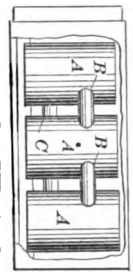
77672—E. Stahlbrodt—  
Lathe Rest.



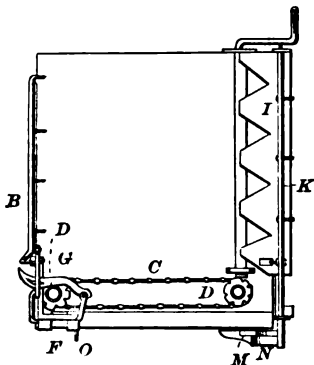
77668—W. C. Smith—  
Sugar Evaporator.



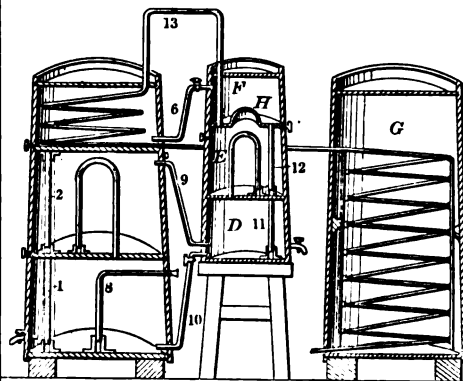
77670—O. Spencer—Steam  
Generator.



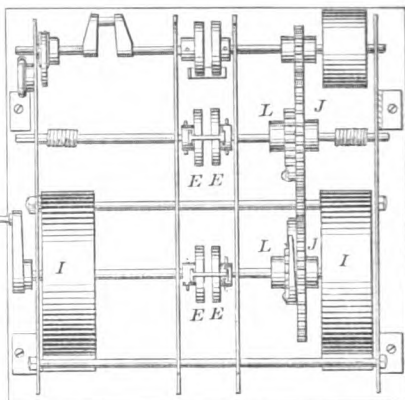
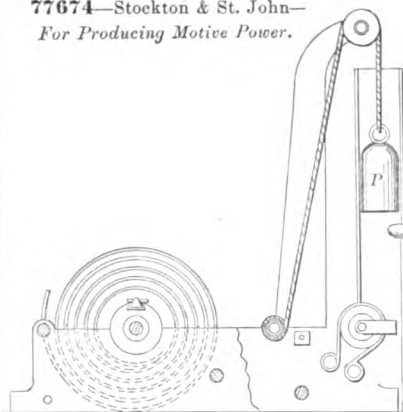
77675—O. O. Storle—Harvester  
Rake.



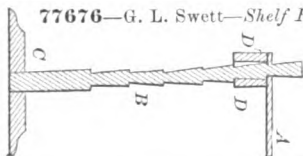
77671—J. Springer—For Rectifying Spirits.



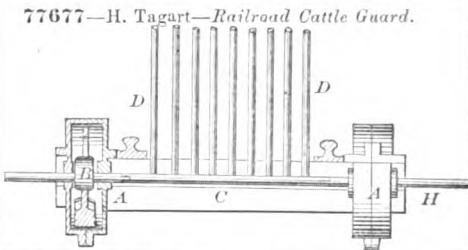
**77674**—Stockton & St. John—  
*For Producing Motive Power.*



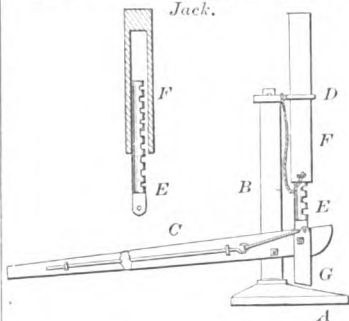
**77676**—G. L. Swett—*Shelf Rest.*



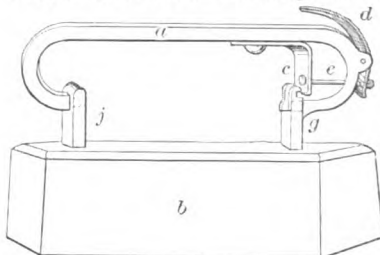
**77677**—H. Taggart—*Railroad Cattle Guard.*



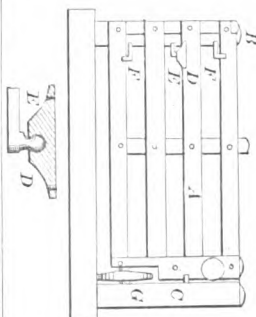
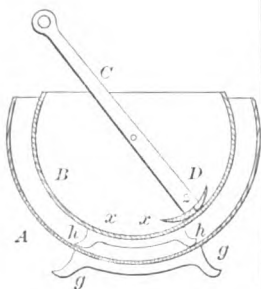
**77678**—R. M. Thompson—*Lifting Jack.*



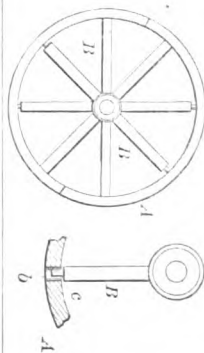
**77681**—R. W. Towle—*Smoothing Iron Handle.*



**77679**—S. H. Tift—*Potato Washer.*

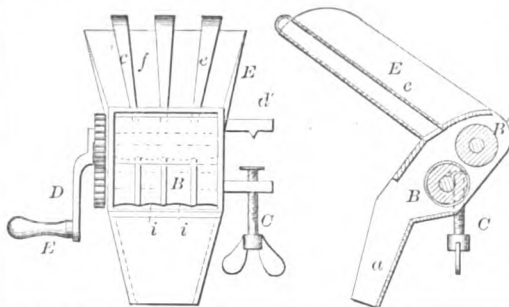


**77682**—G. W. Tucker—*Gate.*

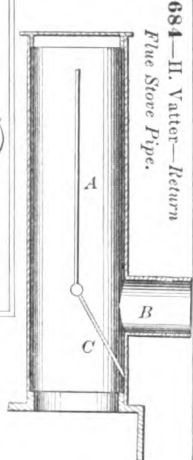


**77680**—S. Toomey—*Carriage Wheel.*

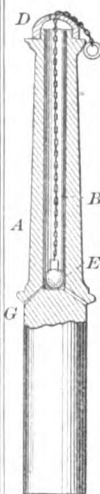
77683—S. Ustick—Pea Sheller.



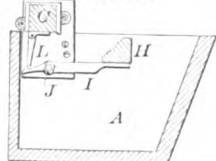
77684—H. Vatter—Return  
Flue Stove Pipe.



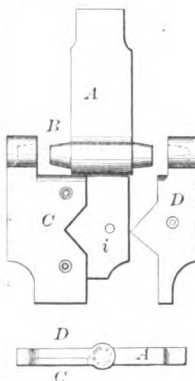
77686—B. & P. Walther—Hitching Post.



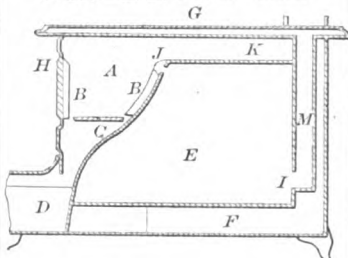
77689—G. H. White—  
For Preventing and  
Curing Crib Biting in  
D Horses.



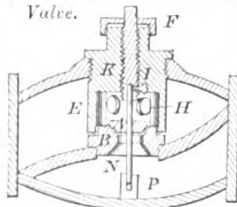
77687—W. Ward—  
Shaft Attachment  
to Wagons.



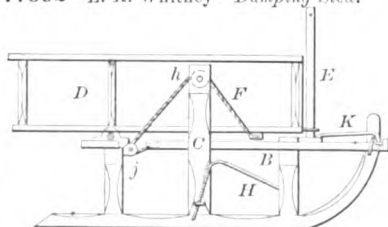
77688—E. D. Weston—Stove.



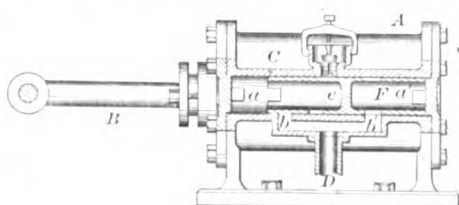
77690—P. White—Check  
Valve.



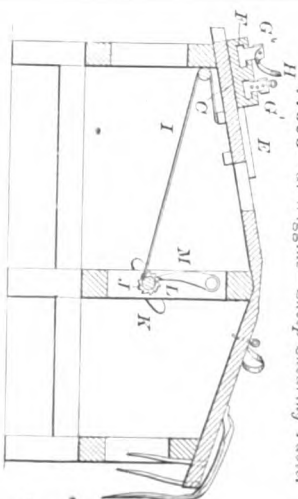
77692—E. R. Whitney—Dumping Sled.



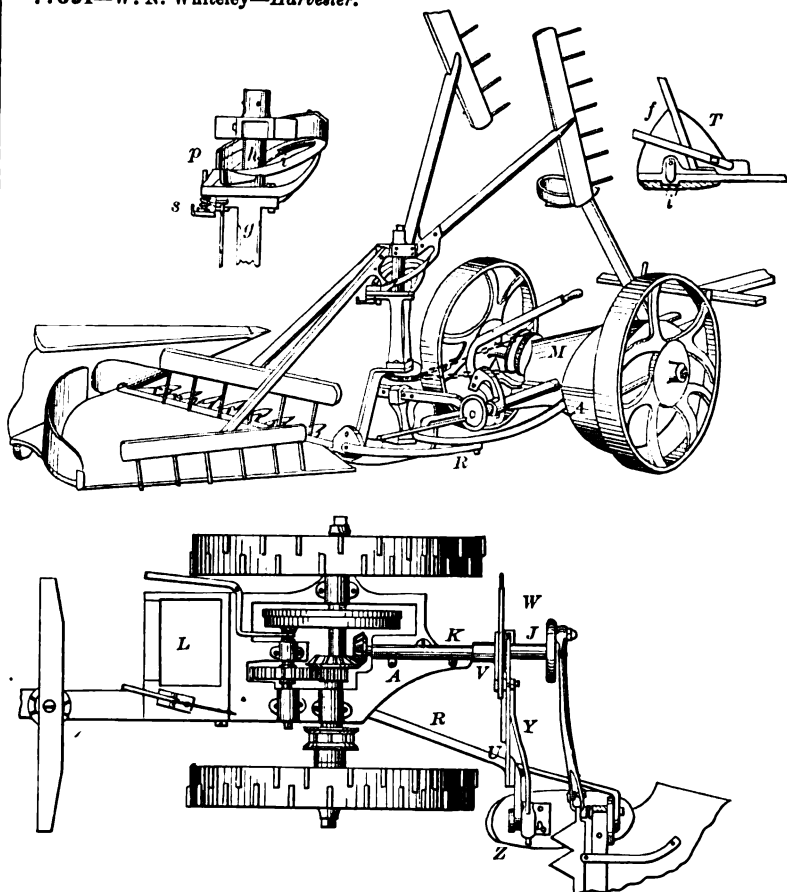
77694—J. Wileke—Pump.



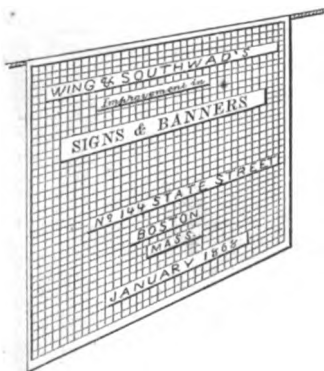
77693—G. Wiggins—Sheep Shearing Table.



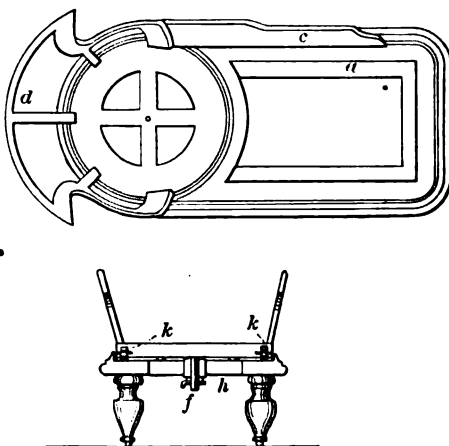
77691—W. N. Whiteley—Harvester.



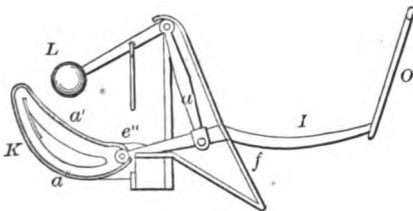
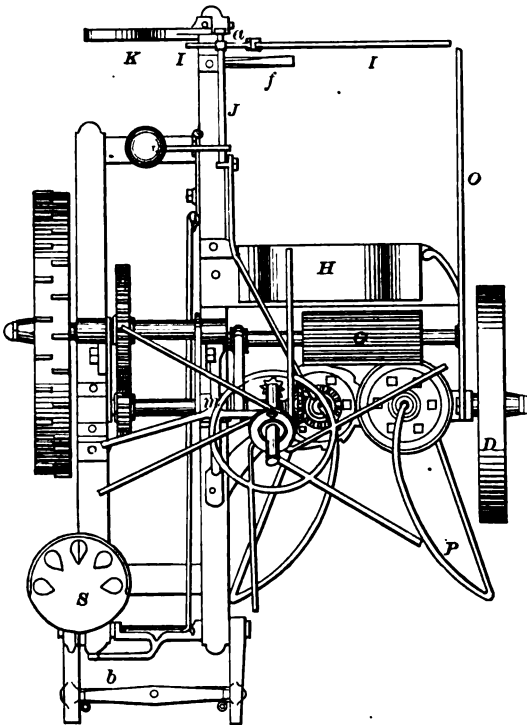
77695—S. Wing—Hanging Signs.



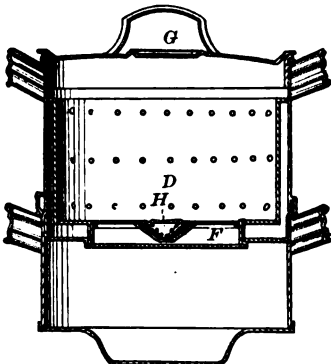
77697—T. Winter—Chair and Lounge.



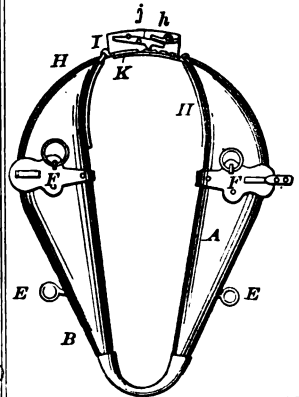
77696—J. F. Winchell—*Corn Harvester.*



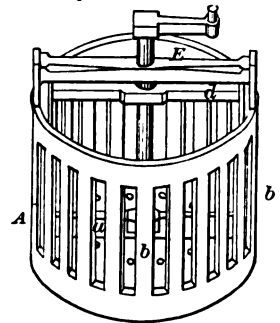
77702—H. A. Zopf—*Culinary Apparatus.*



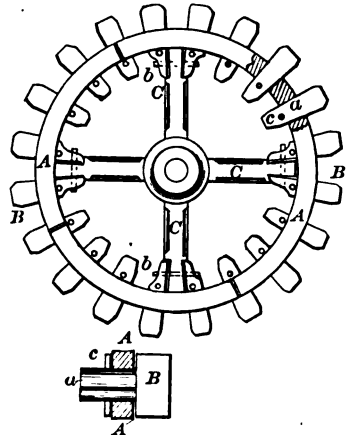
77698—C. Wolf—*Horse Collar.*



77699—U. A. Woodbury—*Vegetable Washer.*



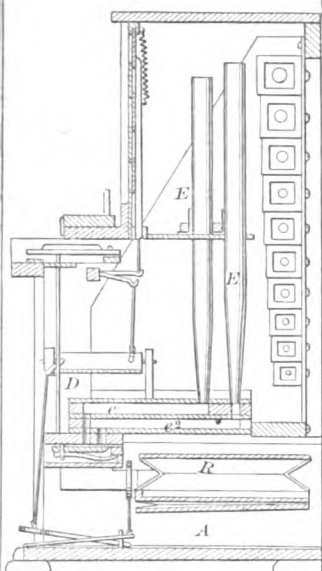
77700—C. F. Woodruff—*Spur Wheel.*



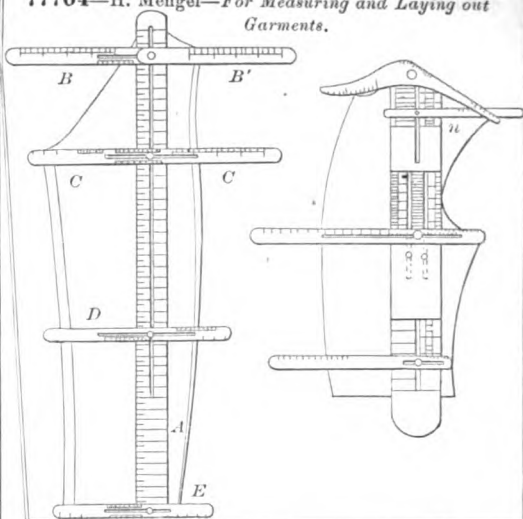
77701—W. Youngblood—*Horse Collar.*



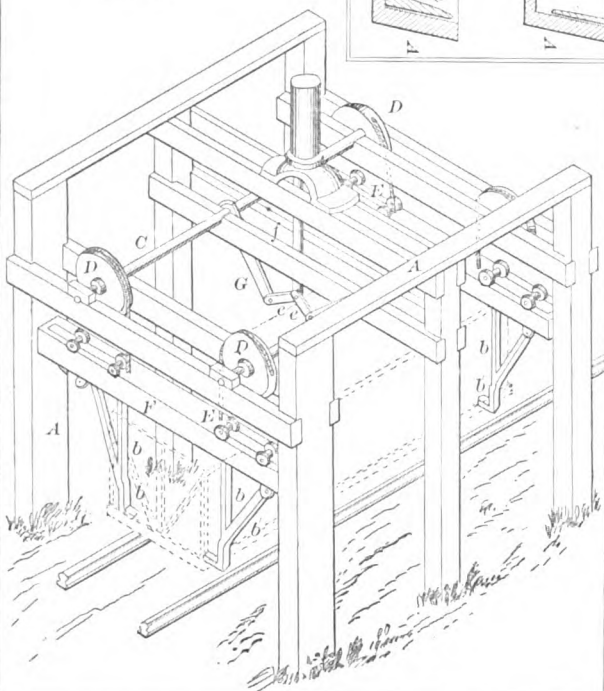
**77703**—Felgemaker & Derrick—  
*Portable Pipe Organ.*



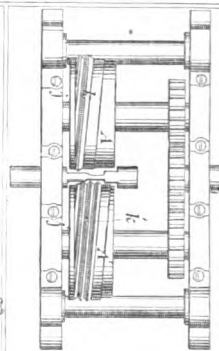
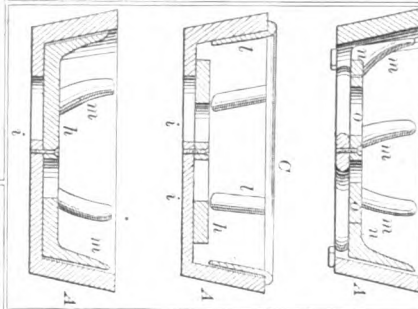
**77704**—H. Mengel—*For Measuring and Laying out Garments.*



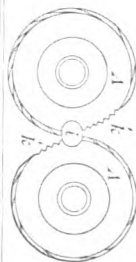
**77706**—H. Arden—*Car Elevator.*



**77707**—D. S. Baker—  
*Store Grate.*



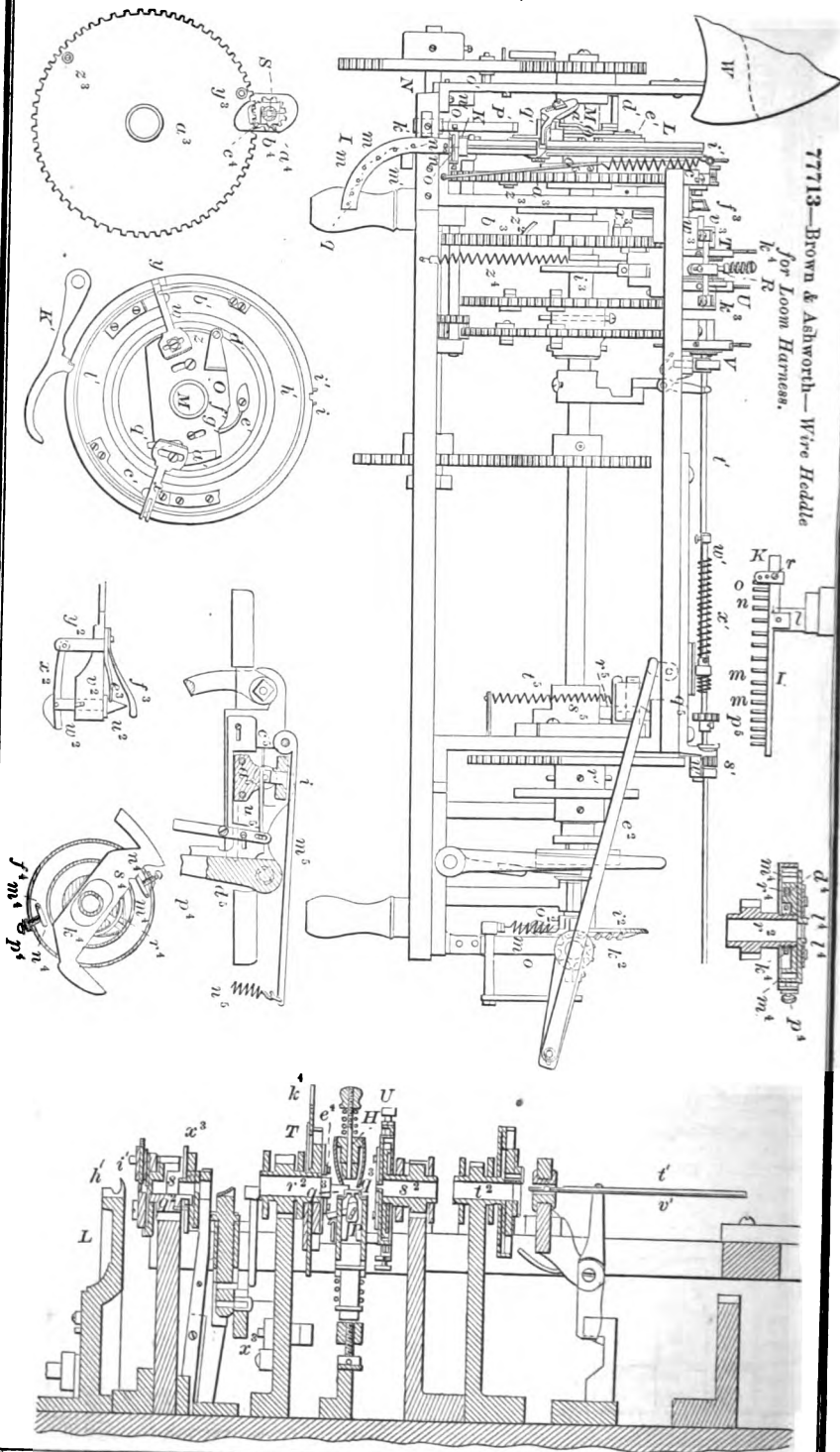
**77710**—B. D. Beecher—  
*For Threading Bolts.*



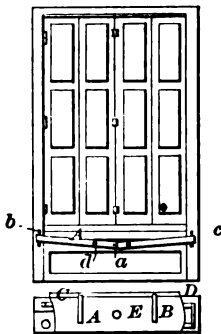




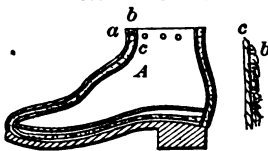
77713—Brown & Ashworth—Wire Heddle  
for Loom Harness.  
164P



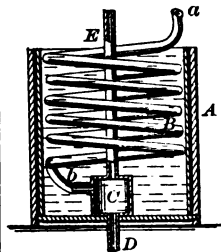
77716—H. Chamberlain—  
Store Window.



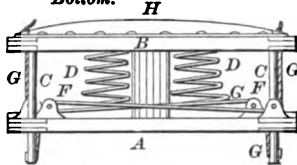
77717—E. Chesterman—  
Boots and Shoes.



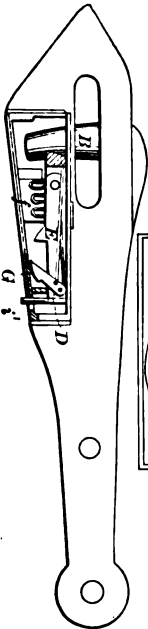
77718—P. Coats—  
Condenser.



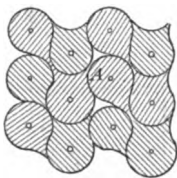
77720—J. D F. Dahl—Bed  
Bottom.



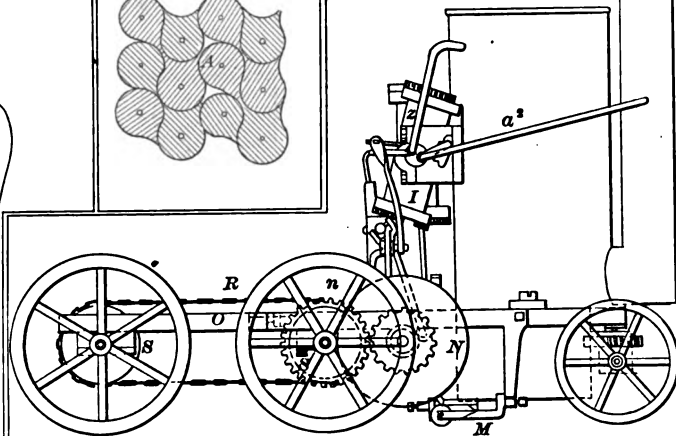
77723—J. S. Elliott—  
Hasp Lock.



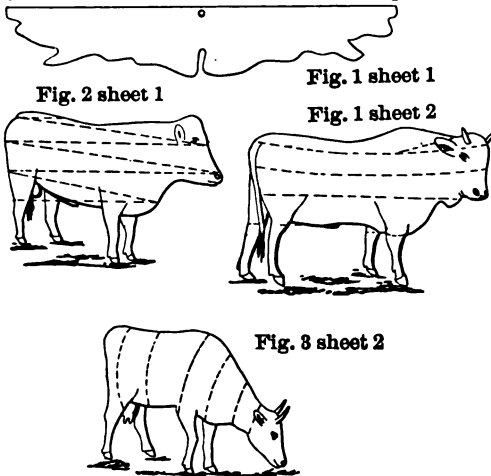
77725—J. L. Field—  
Candle.



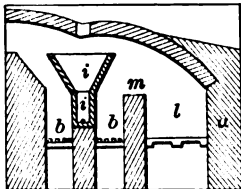
77719—M. V. Cumming—  
Mowing Machine.



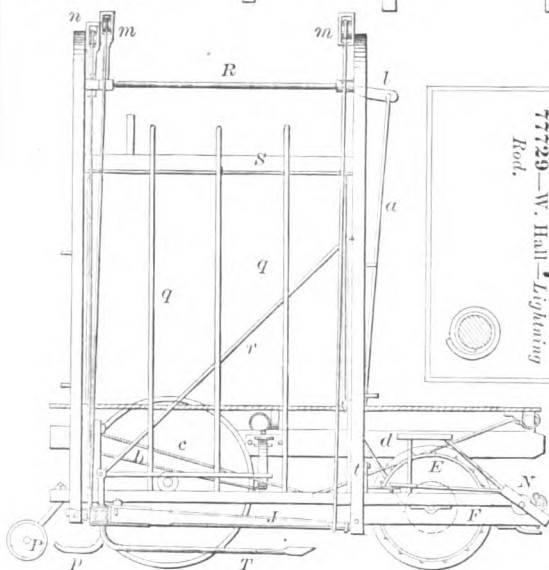
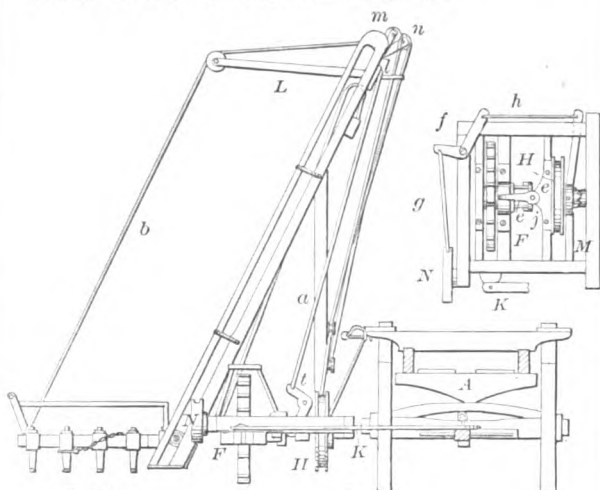
77724—A. Eschenlohr—Seamless Leather Strap.



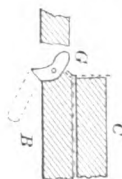
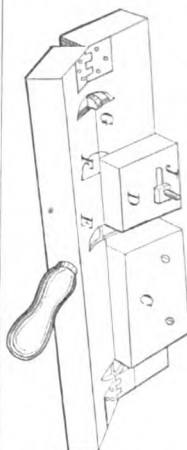
77722—F. Ellershausen—  
Manufacture of Iron and  
Steel.



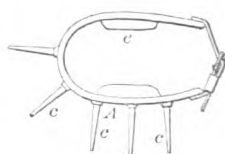
77721—M. A. Dilley—Hay Raker and Loader.

77729—W. Hall—<sup>2</sup>Lightning Rod.

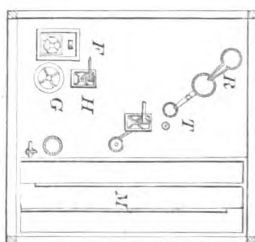
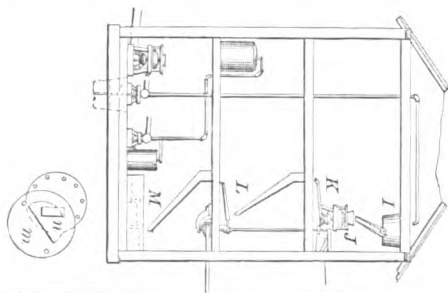
77726—J. Finn—Pan Former.



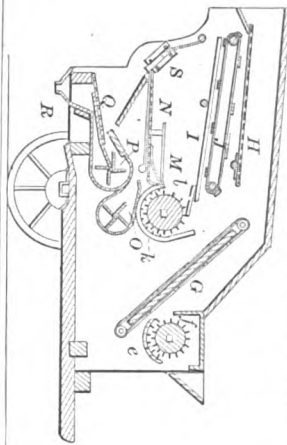
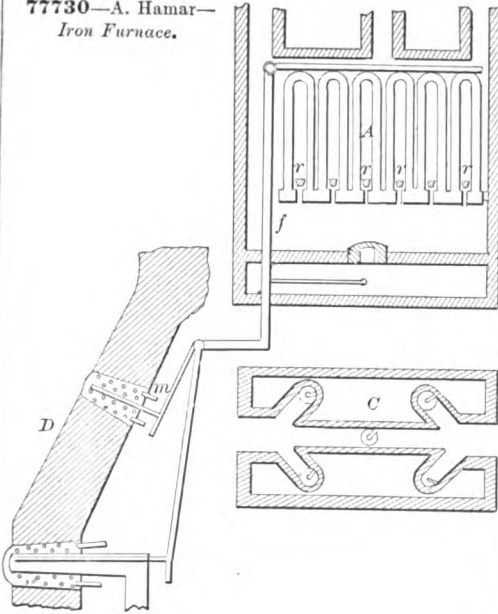
77728—H. A. Hall—Ankle or Knee Guard.



77727—J. Firmenich—Manufacture of Vinegar.

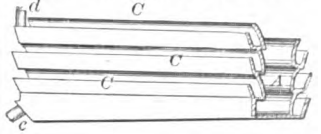


77730—A. Hamar—  
Iron Furnace.

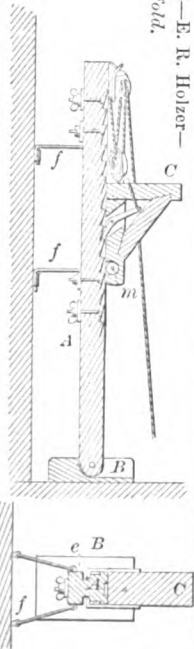


77731—D. M. Heikes—Clover Separator and Huller.

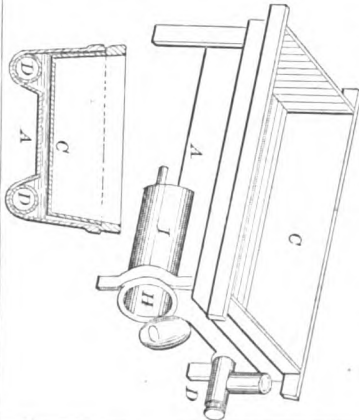
77732—N. Heimenz—Beer Cooler.



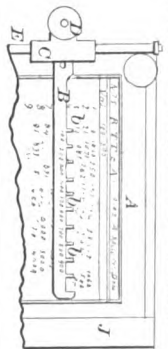
77733—E. R. Holzer—  
Scaffold.



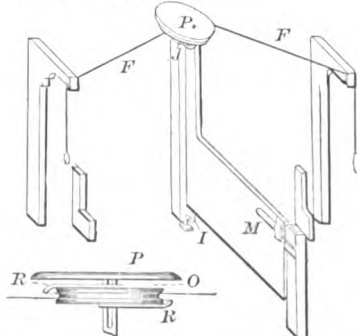
77734—W. Howard—Cheese Vat.



77736—I. S. Hyatt—Tax Calculator.

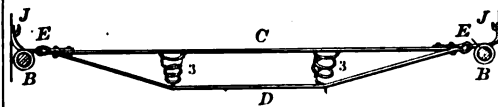
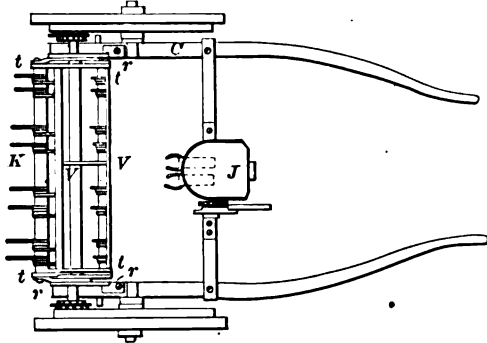
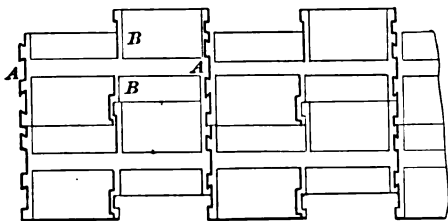
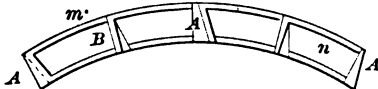
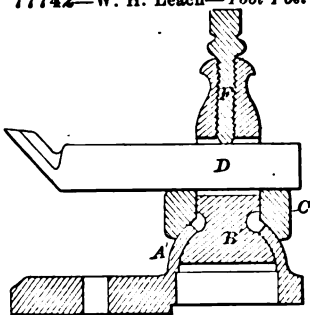
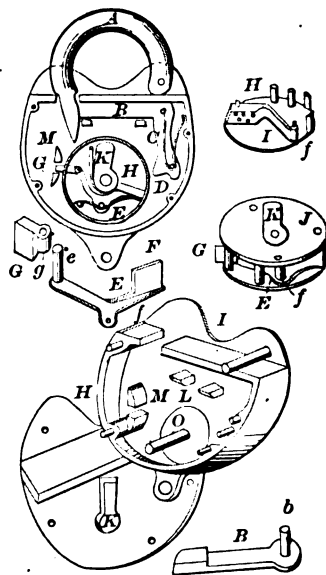
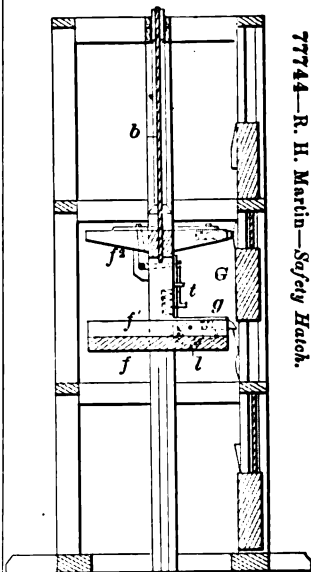
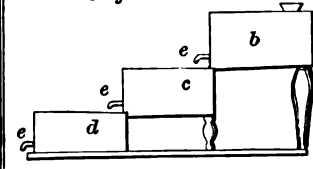
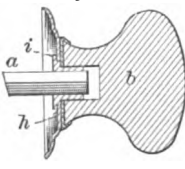
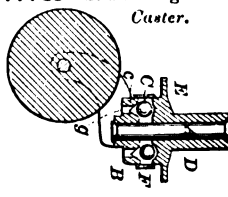


77735—H. Hunt—Gate.

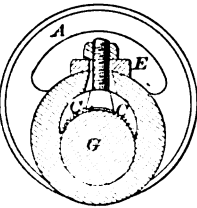


77737—A. Jones—Harrow Tooth.

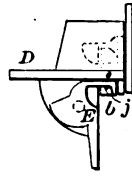
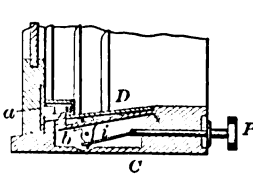


77738—Joslin & Newhall—*Bed Bottom.*77739—G. G. Knowles—*Hay Spreader.*77741—G. T. Lape—*Bridge.*77742—W. H. Leach—*Tool Post for Lathes.*77740—F. F. Landis—*Padlock.*77744—R. H. Martin—*Safety Hatch.*77746—W. Mathews—*Purifying Sorghum Juice.*77745—T. Marvin—*Attaching Door Knobs.*77743—S. N. Long—*Furniture Caster.*

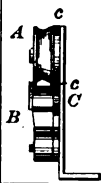
**77747**—Miller & Stevens—Hub Fastening for Eccentrics.



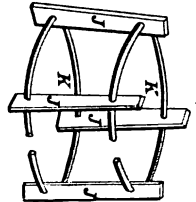
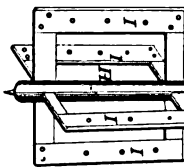
**77748**—W. J. Miller—Shutter Fastening.



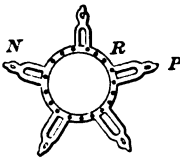
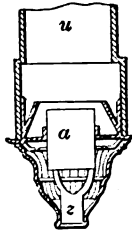
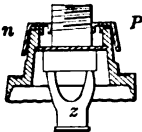
**77750**—H. Morgan—Clothes Line Holder.



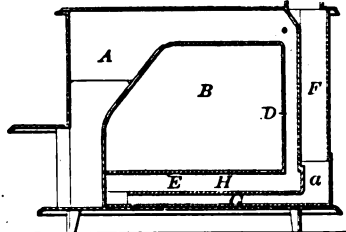
**77753**—E. P. Newman—Churn.



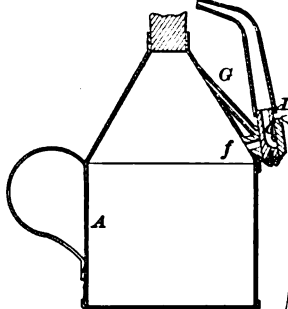
**77749**—H. Monier—Gas Burner.



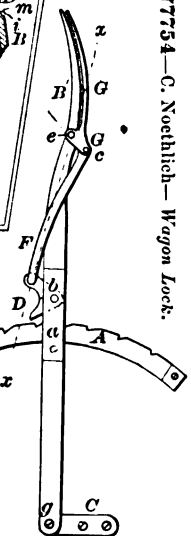
**77751**—B. L. Mott, Jr.—Cooking Stove.



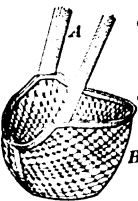
**77755**—J. Ogden—Oil Can.



**77754**—C. Noehlich—Wagon Lock.



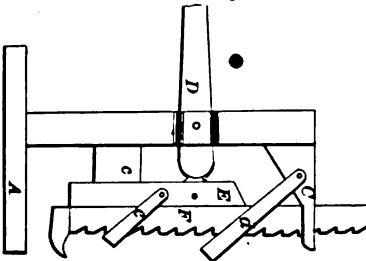
**77757**—W. H. Phelps—Suspensory Bandage.



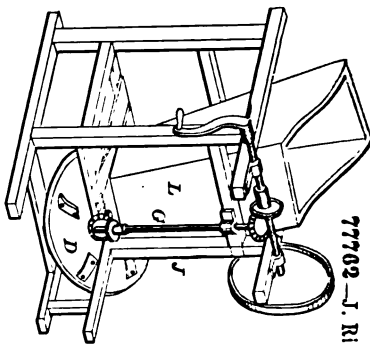
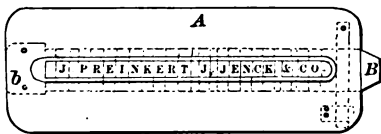
**77752**—G. Murray, Jr.—Meat Pounder and Ice Pick.



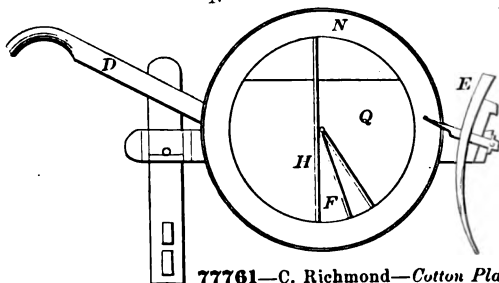
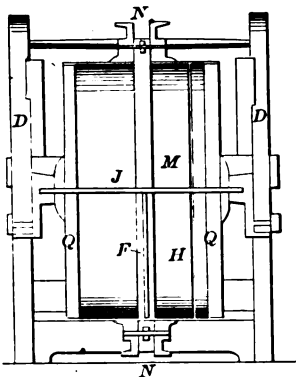
**77756**—S. Perry—Lifting Jack.



77759—W. W. Potter—Stencil Plate.

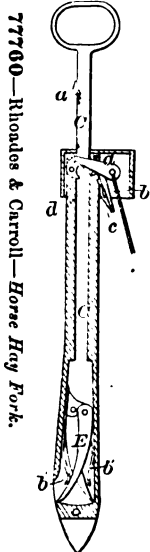
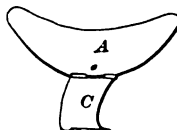
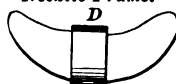


77762—J. Riley—Scissor Cutter.



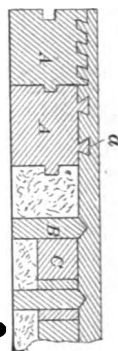
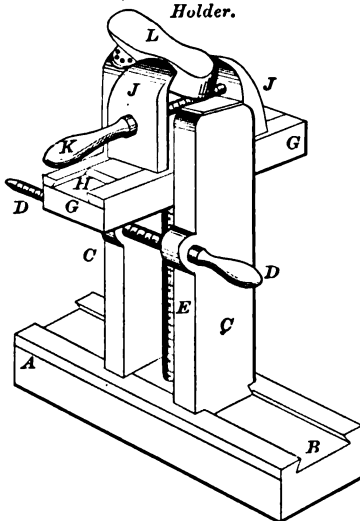
77761—C. Richmond—Cotton Planter.

77765—S. D. Roof—Necktie Frame.



77760—Rhoades &amp; Carroll—Horse Hay Fork.

77764—A. J. Rock—Last and Shoe Holder.

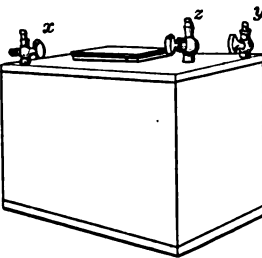
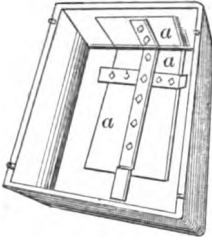


77766—S. I. Russel—Sidewalk.

77767—E. O. Schartau—Lamp Wick.



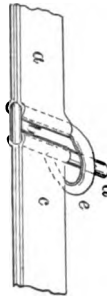
**77768**—S. F. Shoonmaker—  
*Transporting and Storing Grain.*



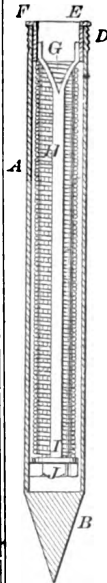
**77769**—A. Searle—*Shaft Coupling.*



**77770**—G. A. Seaver—*Cotton Bale Tie.*



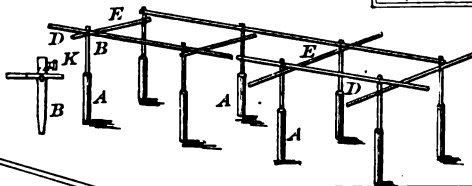
**77772**—S. E. Skilling—*Tube Well.*



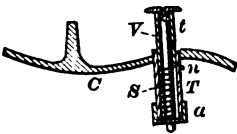
**77774**—W. H. Smith—*Fishing Line Sinker.*



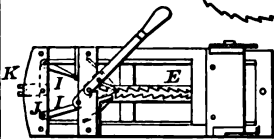
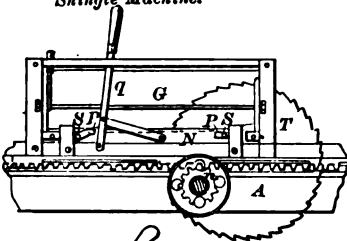
**77775**—L. D. Snook—*Hop Trellis.*



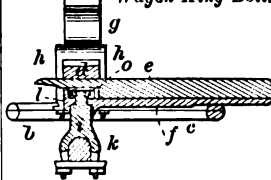
**77773**—Smith & Wilcox—  
*Dentistry.*



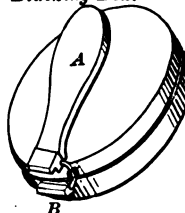
**77776**—Southwick & Gillett—  
*Shingle Machine.*



**77782**—J. J. Waldron—  
*Wagon King Bolt.*



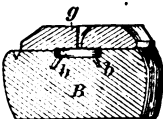
**77778**—T. H. Spencer—  
*Blacking Box.*



**77771**—Shipley & Mercereau—  
*For Lighting Gas, &c.*



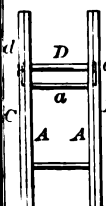
**77781**—J. Turel—  
*Lettering Marble.*



**77783**—D. Walker—*Blotter.*

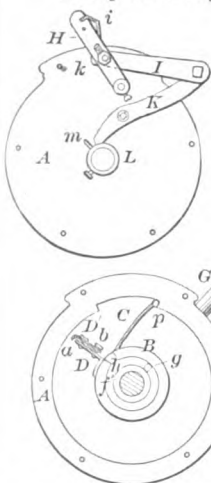


**77779**—A. Stanley—  
*Saw Horse.*

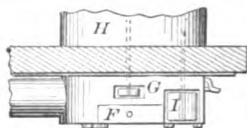
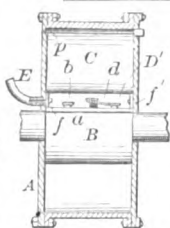
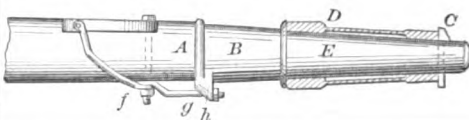




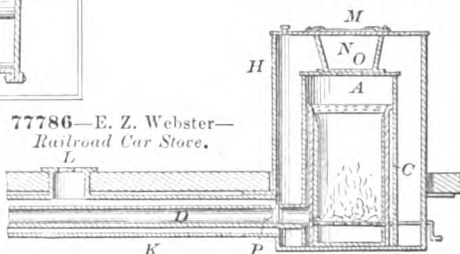
77780—Thunell & Hedstrom—  
Rotary Steam Engine.



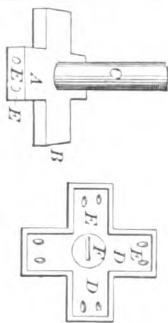
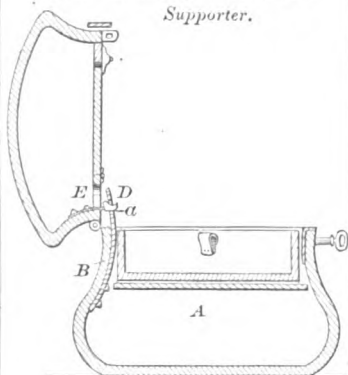
77785—J. Weathers—Attaching Hubs to Axles.



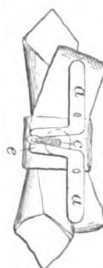
77786—E. Z. Webster—  
Railroad Car Stove.



77787—S. Wehrly—Trunk Lid  
Supporter.

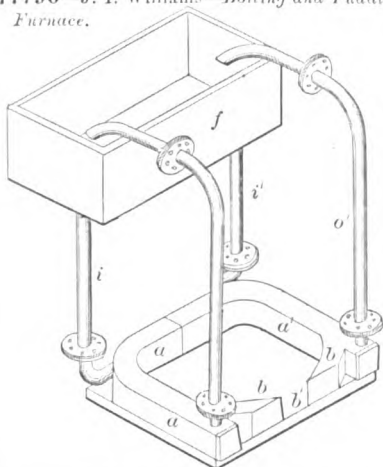


77789—Williams & Lemon—Churn  
Dasher.

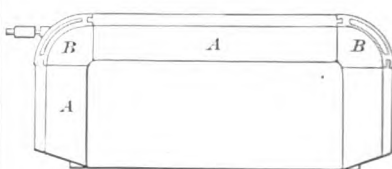


77788—P. Welch—Necktie Frame

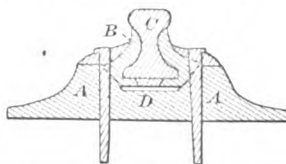
77790—J. I. Williams—Boiling and Puddling  
Furnace.



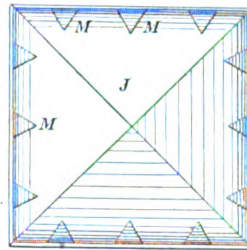
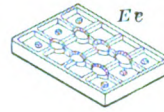
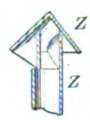
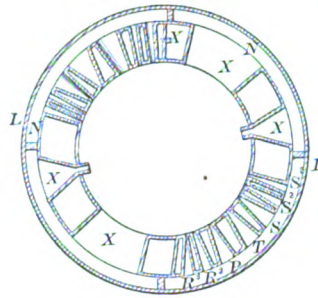
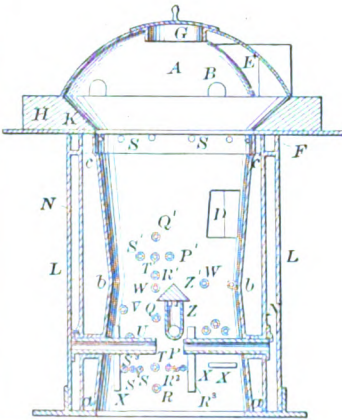
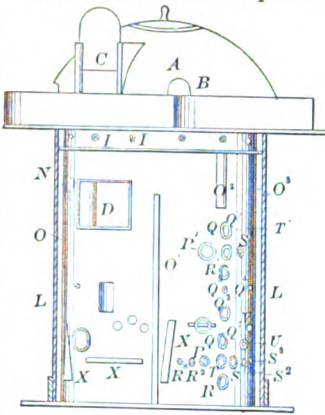
77791—L. W. Wolfe—Vehicle Seat.



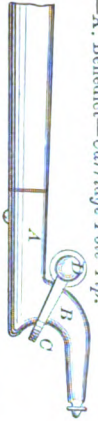
77794—R. Zider—Railway Chair.



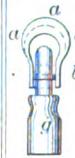
77795—F. C. Adams—*Cupola Furnace.*



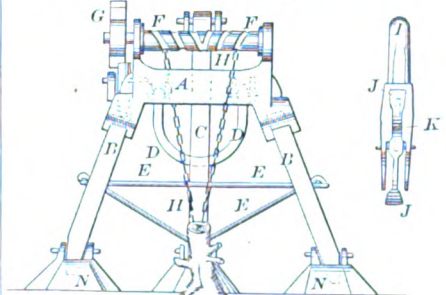
77796—A. Benedict—*Carriage Pole Tip.*



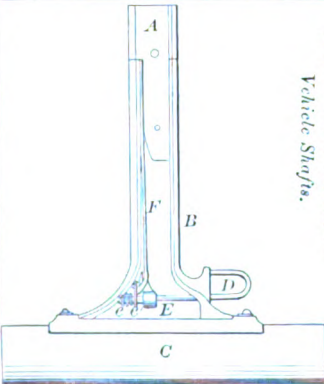
77799—C. L. Brown—*Flume Aerator.*



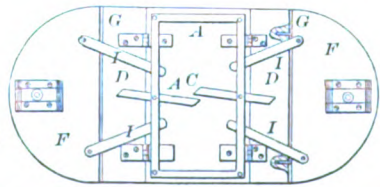
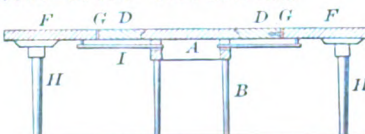
77798—L. J. Bogert—*Stump Extractor.*

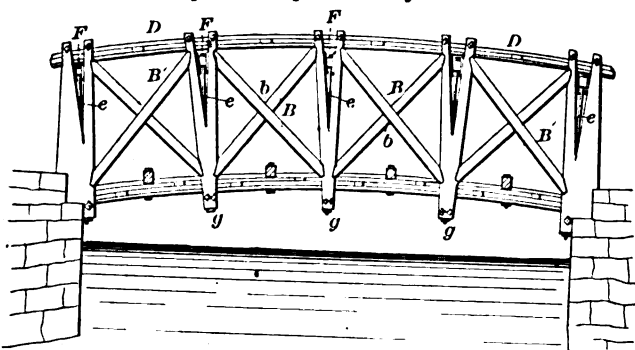
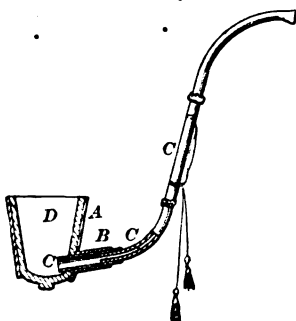
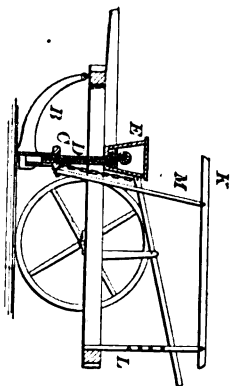
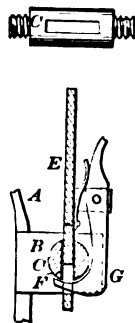
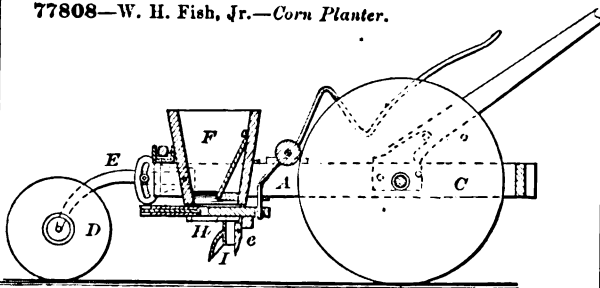
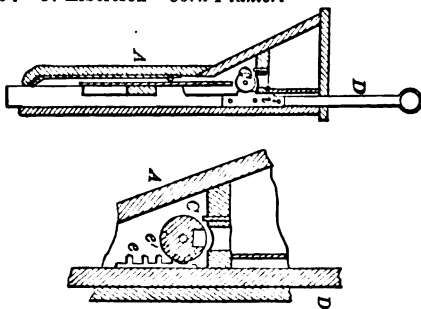
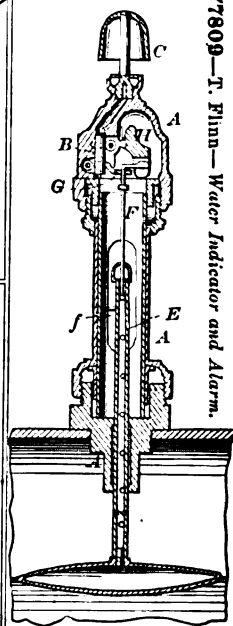


77797—W. L. Branstetter—*Vehicle Shovel.*

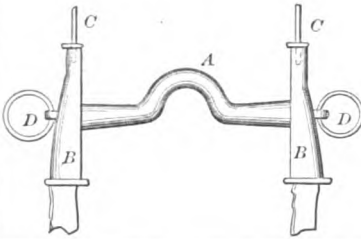


77801—D. Cole—*Table Extension.*

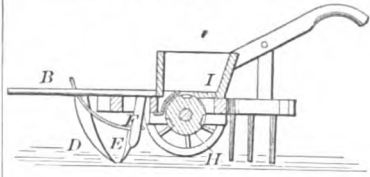


77800—E. M. Carpenter—*Suspension Bridge.*77803—H. G. Dayton—*Tobacco Pipe.*77802—J. W. Davidson—*Wheat Drill.*77804—L. Derby—*Thill Fastener.*77808—W. H. Fish, Jr.—*Corn Planter.*77807—J. Elbertson—*Corn Planter.*77809—T. Flinn—*Water Indicator and Alarm.*

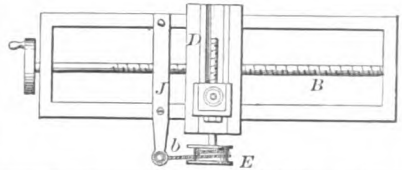
77810—W. S. Ford—Bridle Bit.



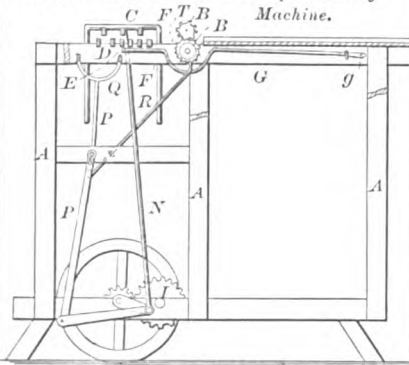
77811—A. J. Going—Corn Planter.



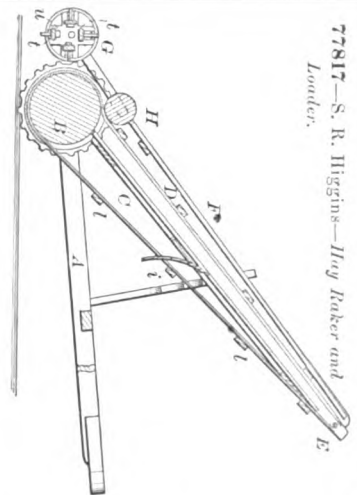
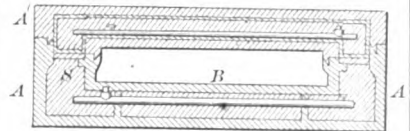
77812—L. Griscom—Lathe.



77815—J. S. Haskins—Hemp Breaking Machine.

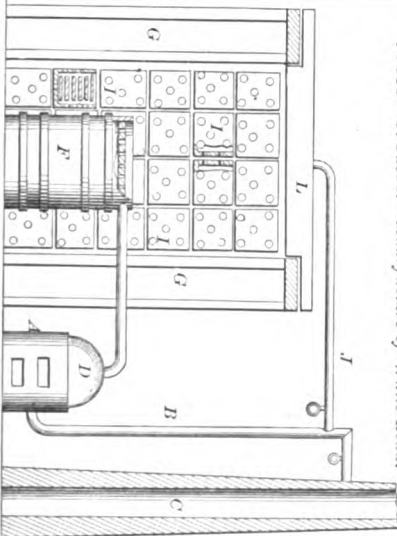


77816—A. W. Herr—Fireproof Safe.

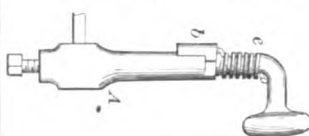


77817—S. R. Higgins—Hog Laker and Loader.

77818—O. Jacobi—Manufacture of White Lead.



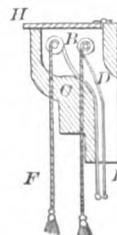
77820—E. S. Lancy—Finger for Shuttle Stop Rod in Looms.



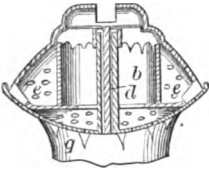
77819—C. Krebs—Counter Sink.



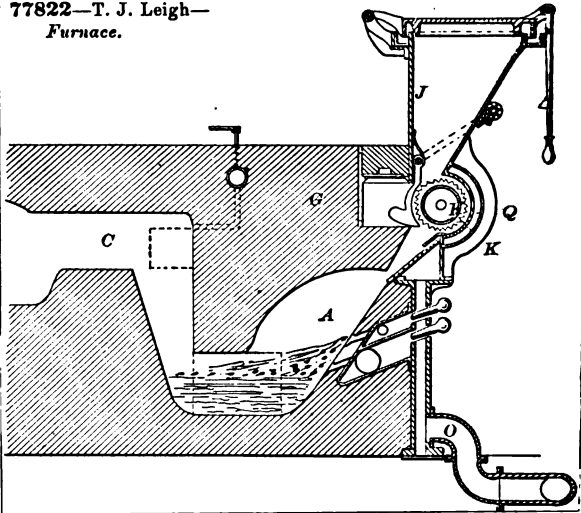
77813—E. L. Hagar—Chart Roller.



**77821—G. Lavère—  
Lamp Burner.**



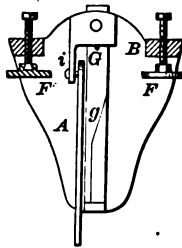
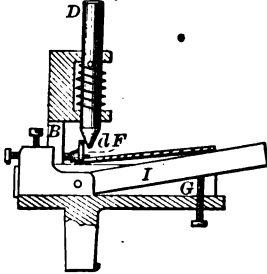
**77822—T. J. Leigh—  
Furnace.**



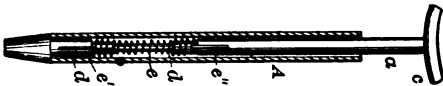
**77823—W. H. Lippincott—  
Vulcanite Billiard Ball.**



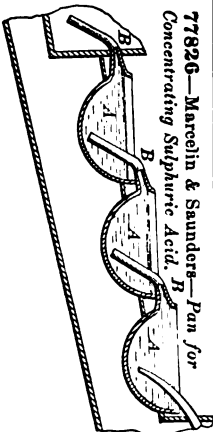
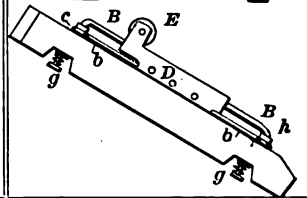
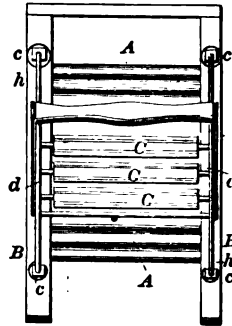
**77825—Lyon, Shumard & Robbins—Saw Set.**



**77824—J. A. Lobb—Crutch.**

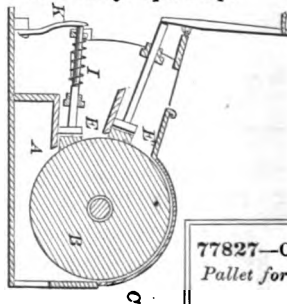
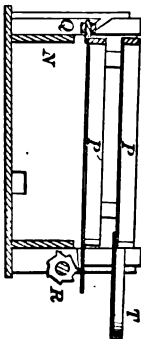


**77828—M. McGarry—Wash Board.**

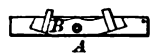


**77826—Marcelin & Saunders—Pan for  
Concentrating Sulphuric Acid.**

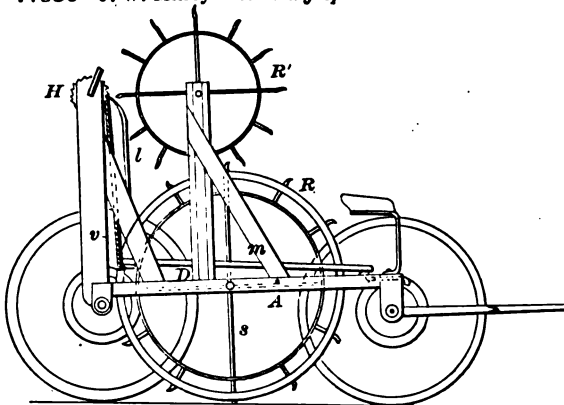
**77829—W. Miller—For Making Paper Pulp.**



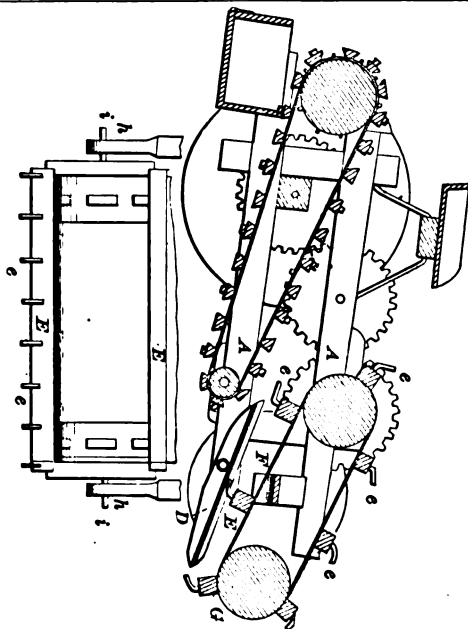
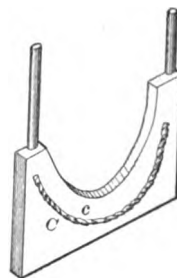
**77827—C. E. Mason—  
Pallet for Time Pieces.**



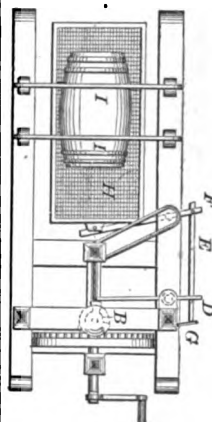
77830—J. W. Milroy—*Revolving Spade Plow.*



77831—Nathans & Thornton—*Car Axle Box.*

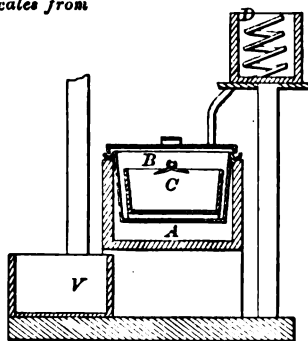
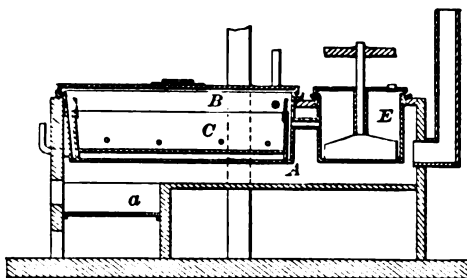


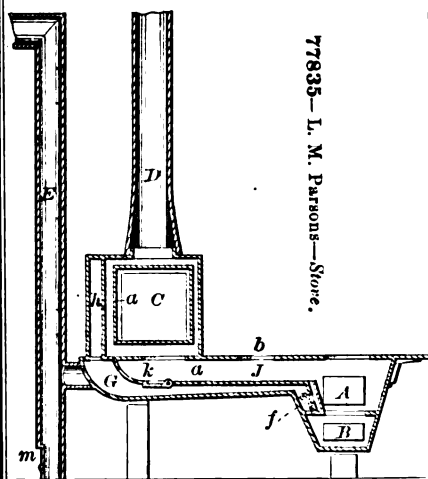
77833—G. N. Palmer—*Stone Gathering Machine.*



77832—J. Novek—*Flour Sifter.*

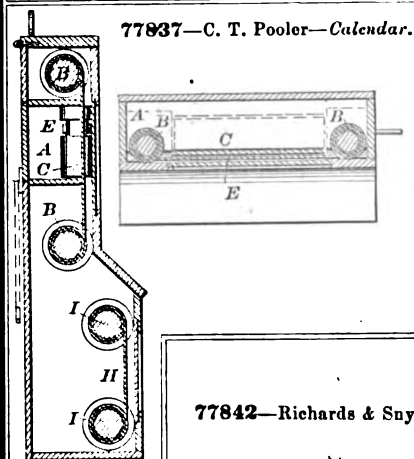
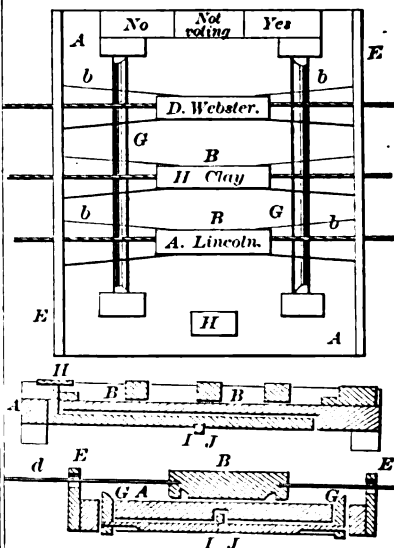
77834—Parrott & Boardman—*Removing Metallic Scales from Glass and "Moils."*



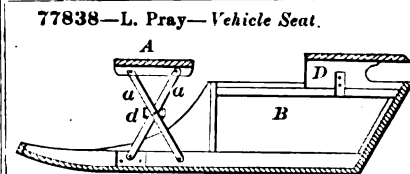


77835—L. M. Parsons—Store.

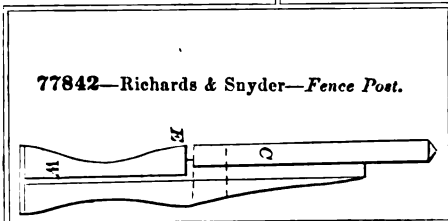
77836—N. A. Patterson—Vote Register.



77837—C. T. Pooler—Calendar.

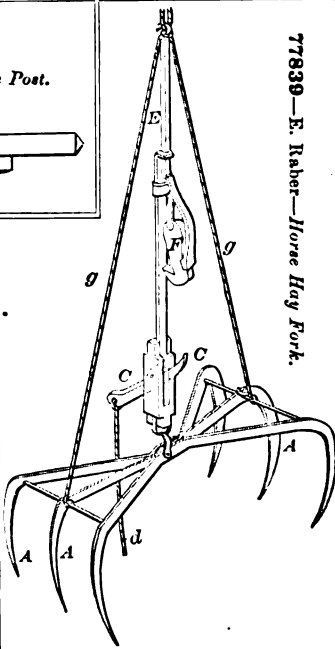
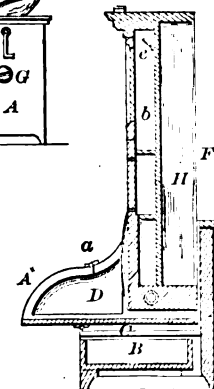
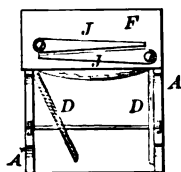
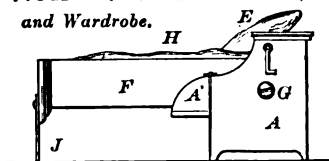


77838—L. Pray—Vehicle Seat.



77842—Richards &amp; Snyder—Fence Post.

77841—W. Rockards—Bedstead, Chair, Secretary and Wardrobe.

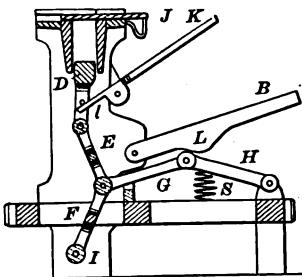


77839—E. Raber—Horse Hay Fork.

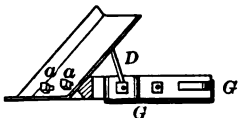
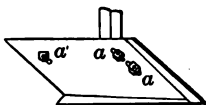




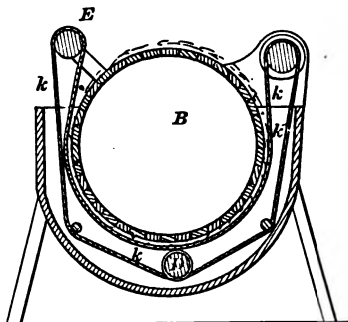
77854—L. S. Warner—Concrete Block Press.



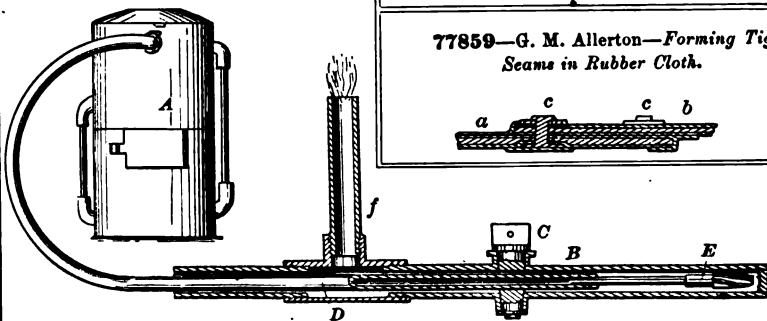
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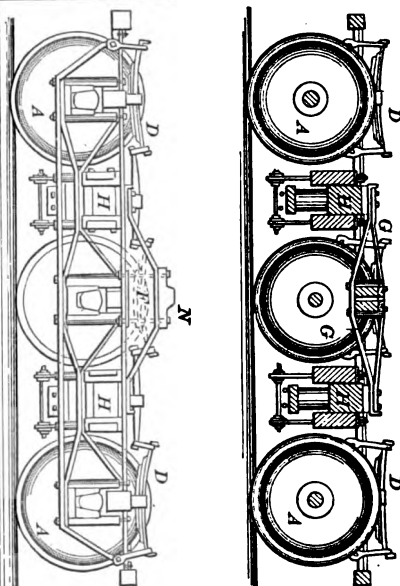
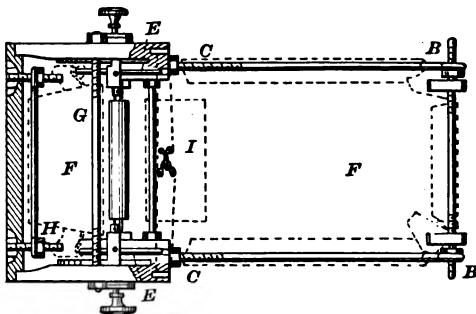
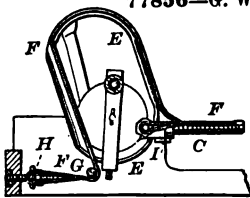
77861—D. C. Baker—Washing Machine.



77857—W. Young—For Clearing Pipes.



77856—G. Widmer—Adjustable Couch.

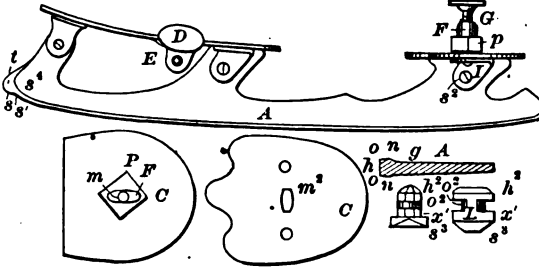


77858—C. F. Allen—Car Truck.

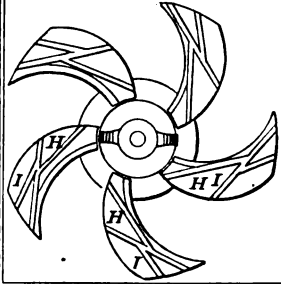
77859—G. M. Allerton—Forming Tight Seams in Rubber Cloth.



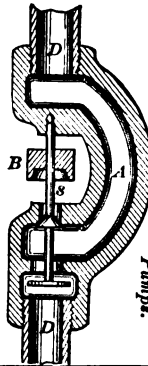
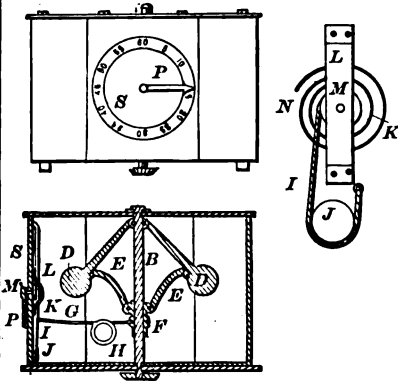
77862—Barney & Berry—Skate.



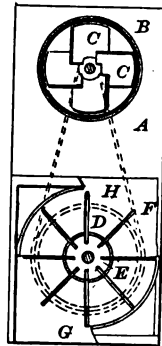
77868—J. H. Bullock—  
Amalgamator Shoe.



77864—N. P. Bowsher—Power Indicator.

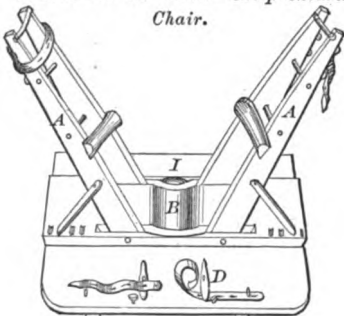


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Pumps.

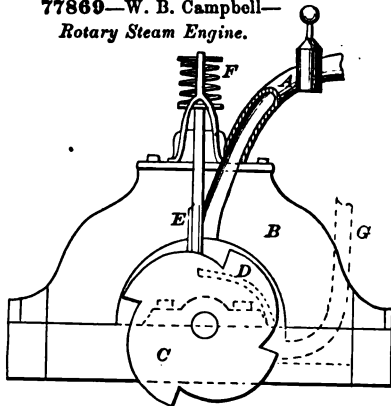


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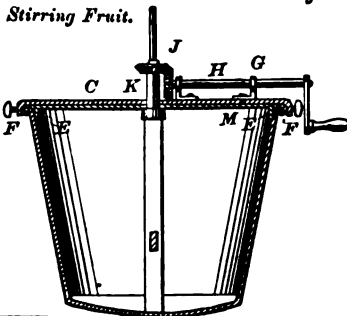
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Chair.



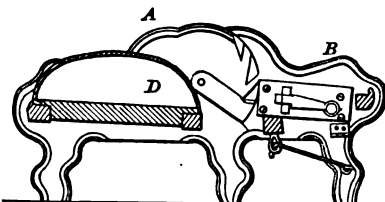
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Rotary Steam Engine.

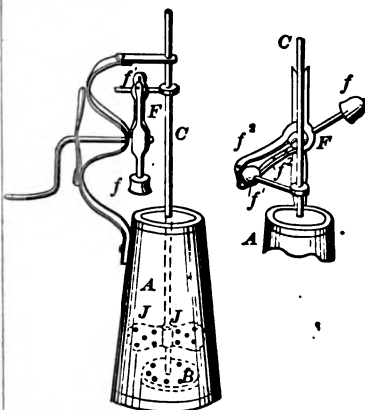
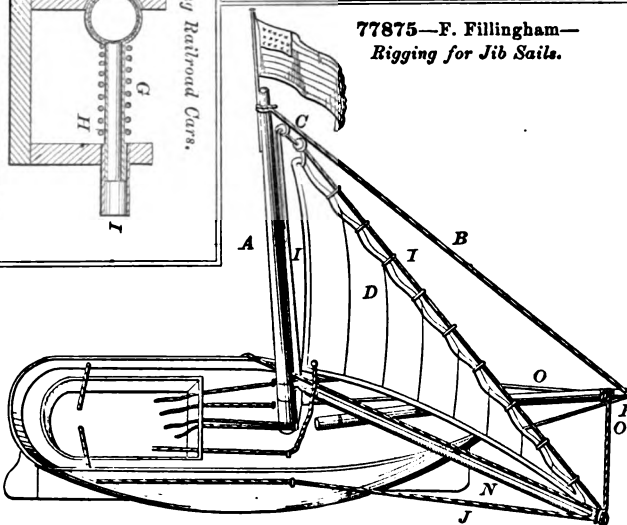
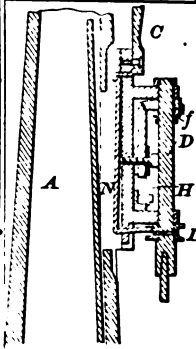
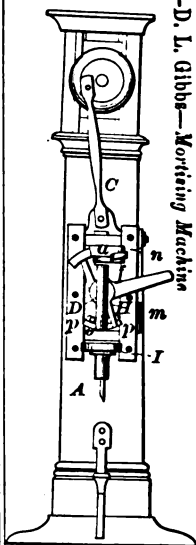
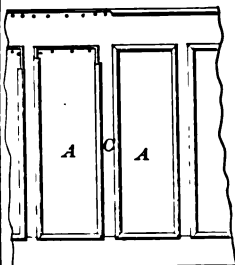
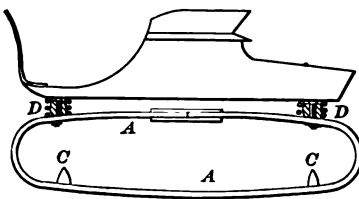
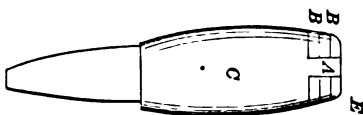
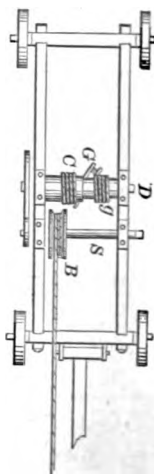


77870—M. G. Collins—For Boiling and  
Stirring Fruit.

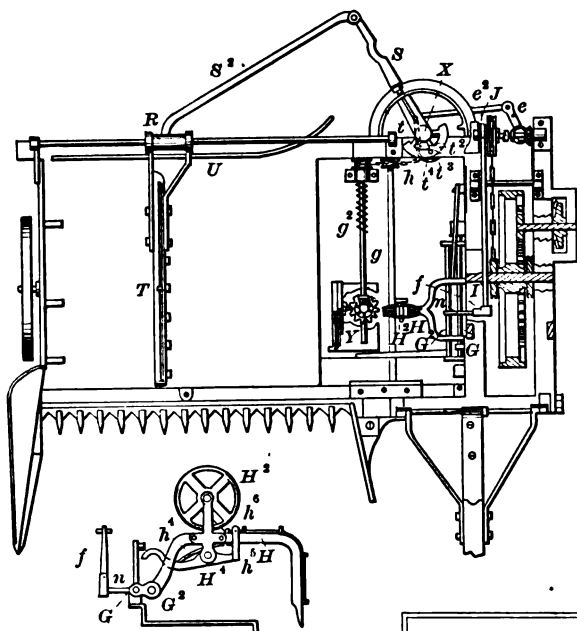


77872—E. Deetz—Adjustable Sofa.

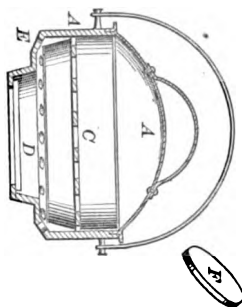


77873—W. C. Douthett—*Churn.*77875—F. Fillingham—*Rigging for Jib Sails.*77877—D. L. Gibbs—*Mortising Machine.*77876—J. C. Finn—*Decorating Walls.*77880—W. B. Higgins—*Carriage Spring.*77881—Hilton, Webster & Wheeler—*Chisel Handle.*77879—J. Havens—*Stump Extractor.*

77878—J. F. Gordon—*Grain Binder.*



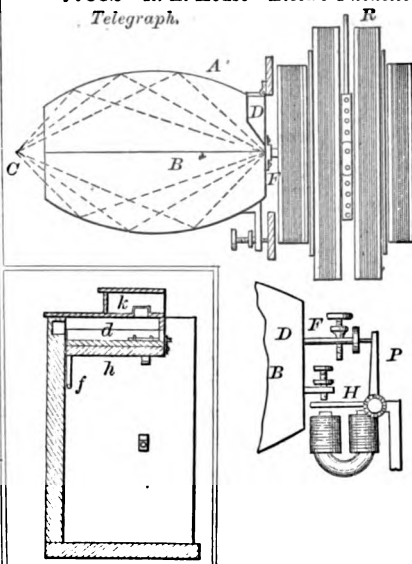
77884—G. B. Isham—*Culinary Apparatus.*



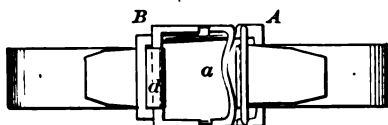
77887—M. K. Kellogg—*Postage and Revenue Stamp.*



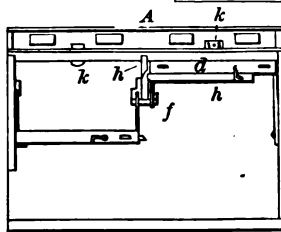
77882—R. E. House—*Electro-Phonetic Telegraph.*



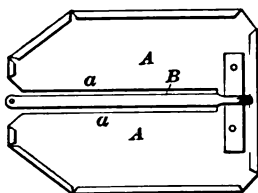
77885—J. H. James—*Duckle.*



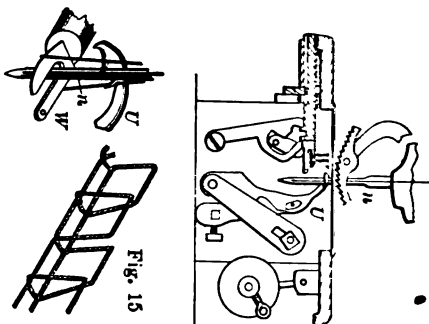
77883—G. W. Hunt—*Sleeping Car.*



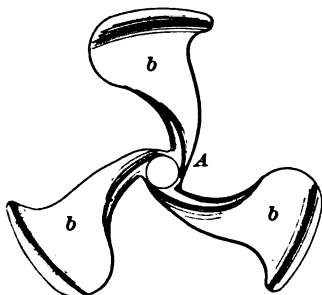
**77886—W. J. Keep—Shield for Smoothing Irons.**



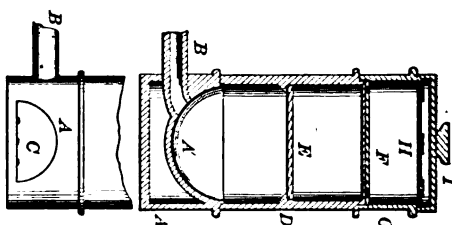
**77889—O. C. Kerr—Sewing Machine.**



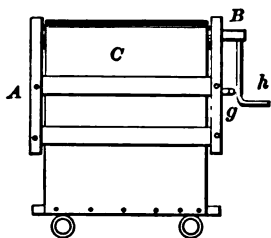
**77888—J. E. Kennedy—Propeller.**



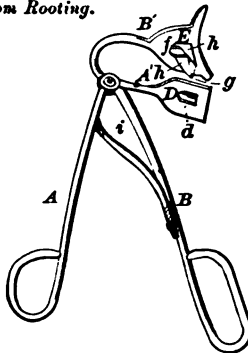
**77892—E. I. Kline—Beehive.**



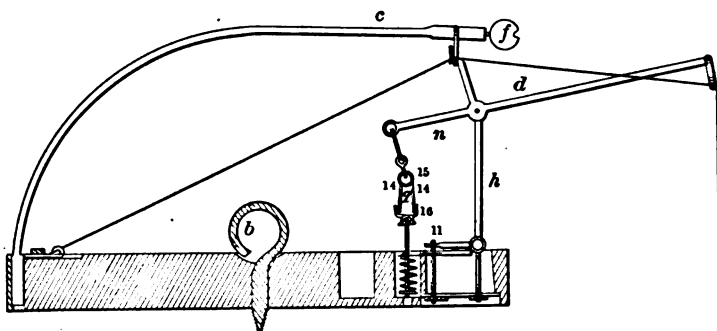
**77890—I. Kinman—Curtain Fixture.**



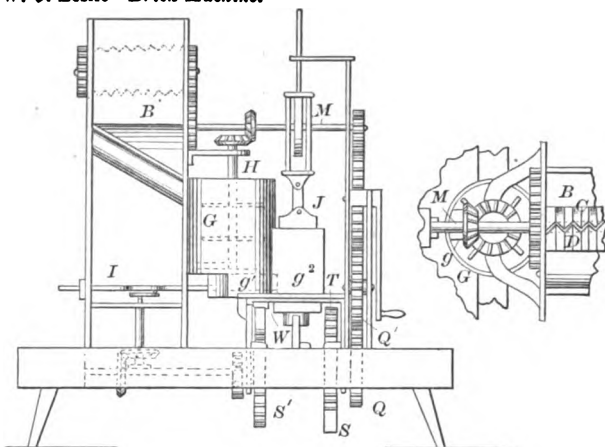
**77891—J. D. Kirkpatrick—Preventing Hogs from Rooting.**



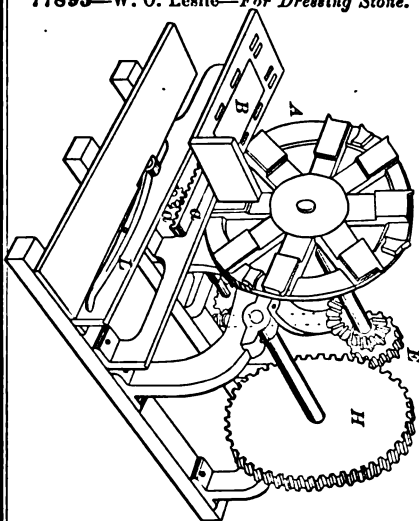
**77893—J. Koehler—Fishing Apparatus.**



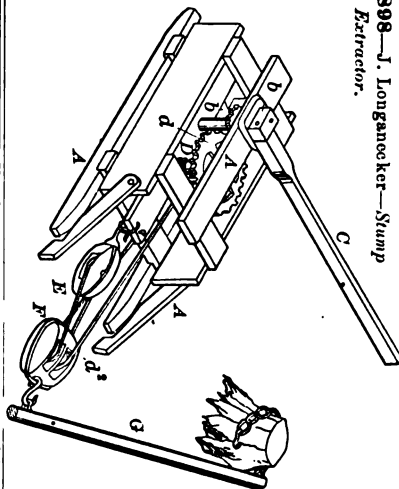
77894—W. O. Leslie—*Brick Machine.*



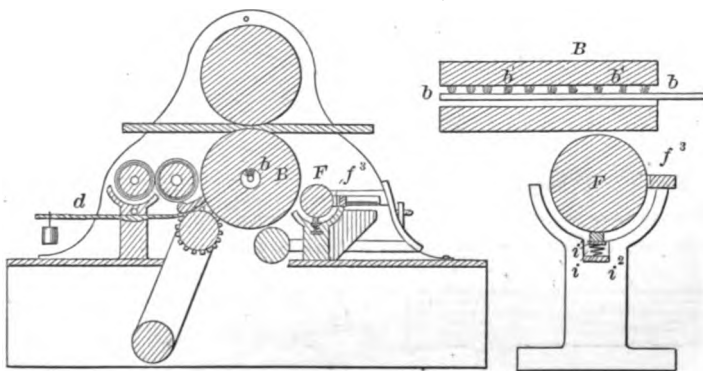
77895—W. O. Leslie—*For Dressing Stone.*



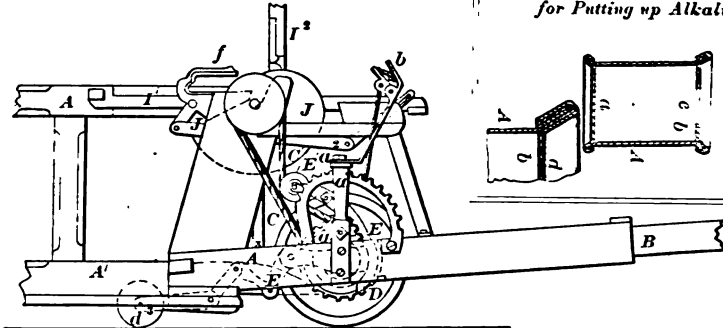
77898—J. Longsneeke—*Stump Extractor.*



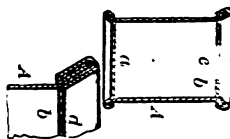
77896—Lewis & Stuart—*Cylindrical Plate Printing Machine.*



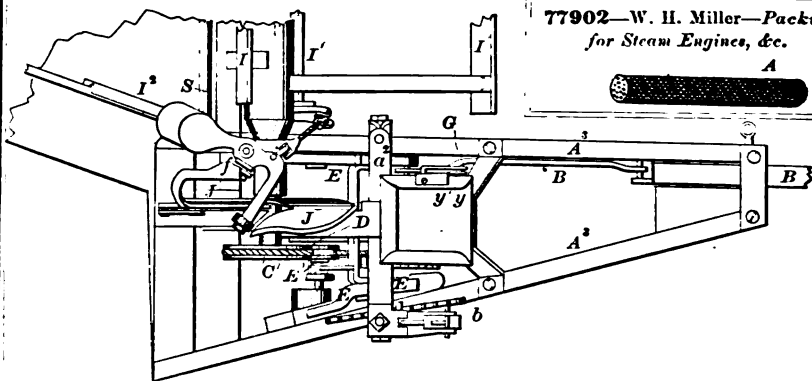
77897—E. I. Leyburn—Harvester.



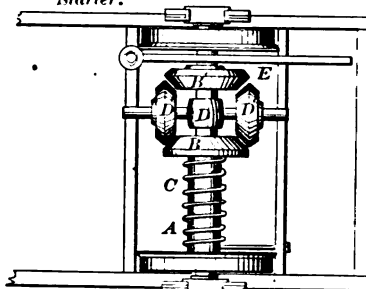
77899—J. McCoy—Metal Case for Putting up Alkali.



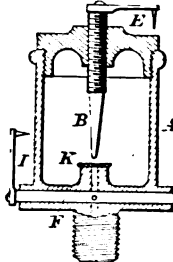
77902—W. H. Miller—Packing for Steam Engines, &amp;c.



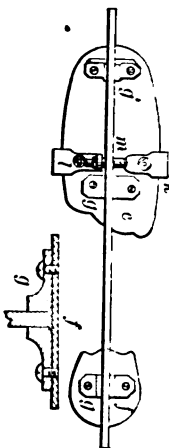
77903—C. D. Moody—Car Brake and Starter.



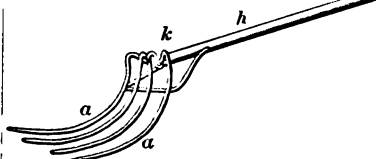
77900—McCullon &amp; Woodcock—Oil Cup for Steam Pressure.



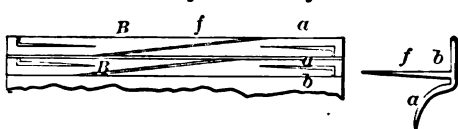
77901—A. T. Mignon—Skate.



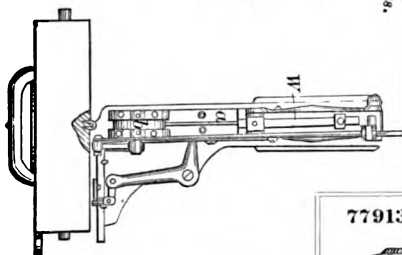
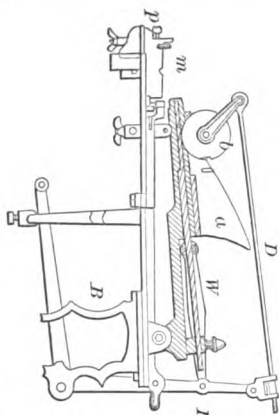
77906—F. W. Palmer—Hand Fork.



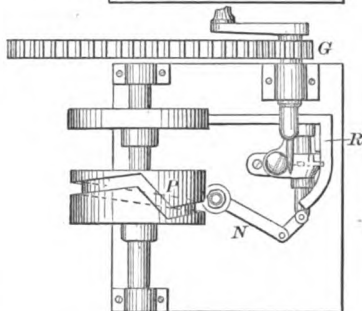
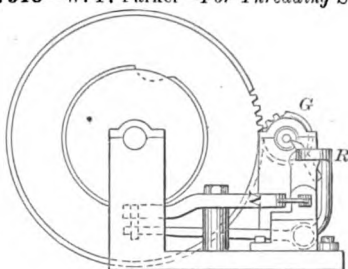
77905—G. Orr—Cutting and Forming Blind Hook Blanks.



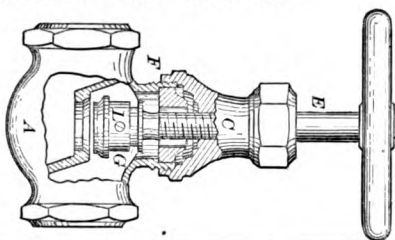
77908—G. Panake—For Wring Blind Slats.



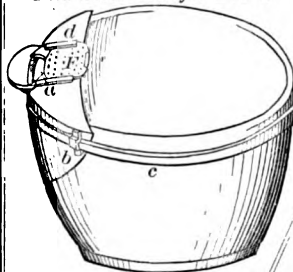
77910—W. F. Parker—For Threading Screws.



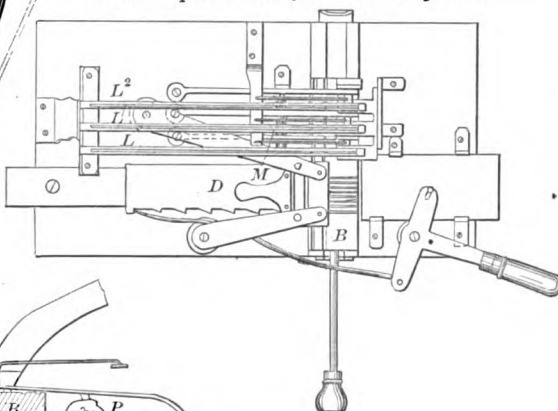
77913—J. Powell—Globe Valve.



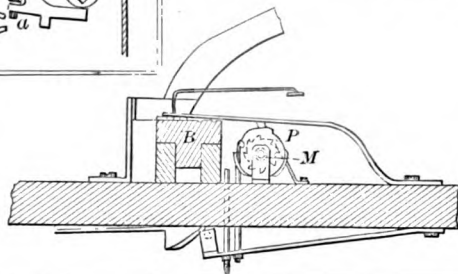
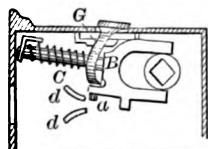
77914—G. Raymond—Detachable Nose for Bowls.



77912—Piper & Bradley—For Sticking Pins.

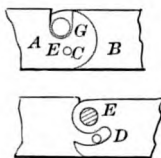


77909—J. E. Parker—Reversible Knob Latch.





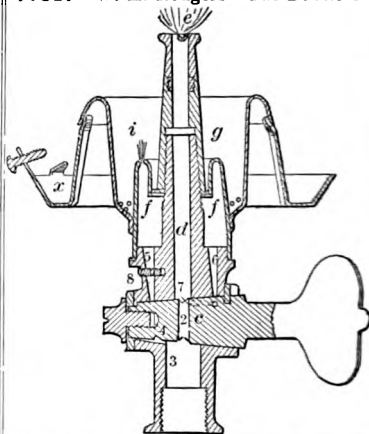
**77915**—J. F. Reiner—*Shackle Joint.*



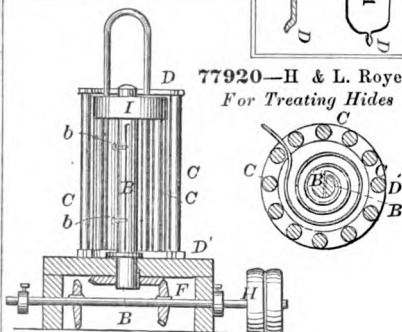
**77916**—C. F. Ritchel—*Can Opener.*



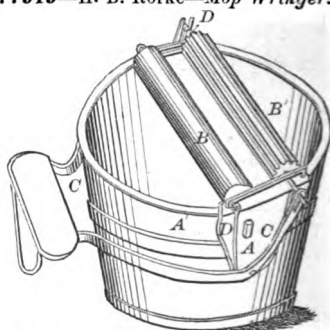
**77917**—W. H. Rodgers—*Gas Burner.*



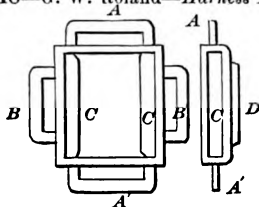
**77920**—H. & L. Royer—*For Treating Hides*



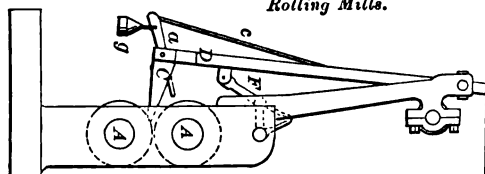
**77919**—H. B. Rorke—*Mop Wringer.*



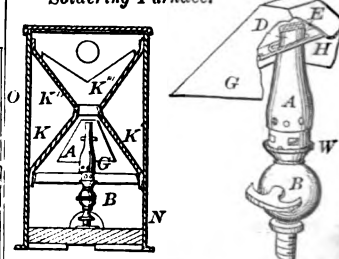
**77918**—G. W. Roland—*Harness Loop.*



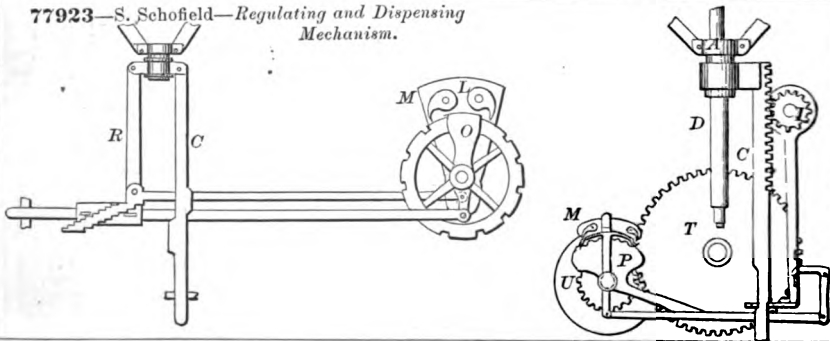
**77922**—E. Sanford—*For Handling Iron in Rolling Mills.*



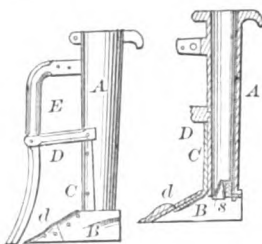
**77921**—G. O. Sanderson—*Soldering Furnace.*



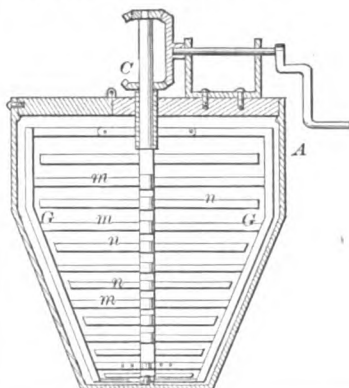
**77923**—S. Schofield—*Regulating and Dispensing Mechanism.*



77924—J. H. Shreiner—*Grain Drill.*



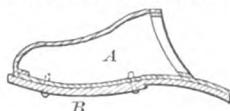
77926—J. C. Slaughter—*Churn.*



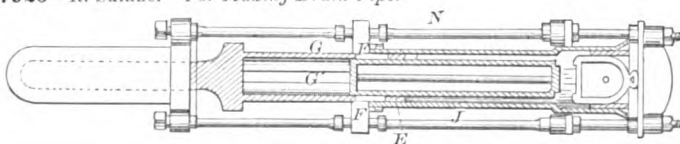
77931—J. H. Swain—*Last.*



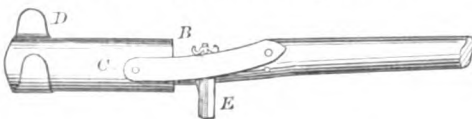
77927—A. G. Smith—*Foxing and Soling Boots.*



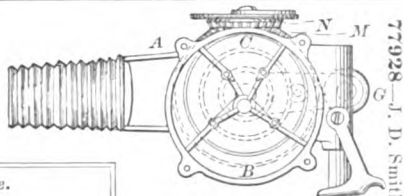
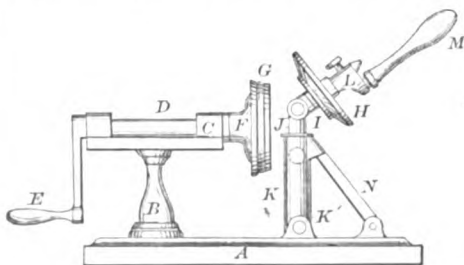
77925—R. Skinner—*For Making Drain Pipe.*



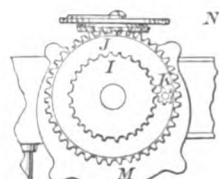
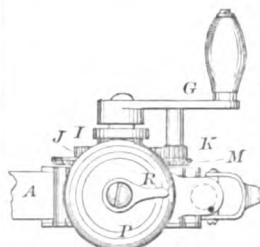
77930—G. H. Stevenson—*Ditching Machine.*



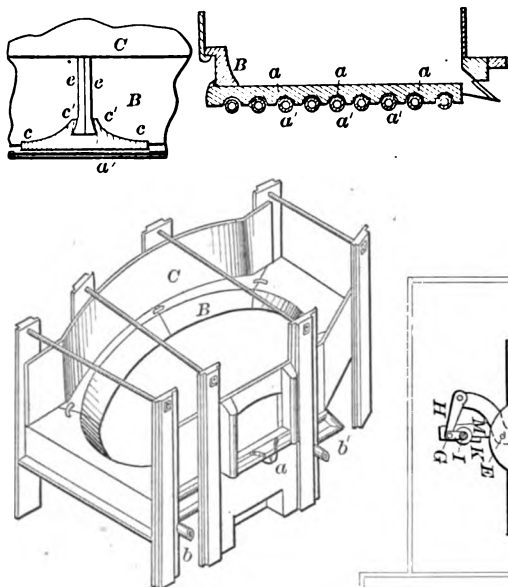
77929—C. F. Spaulding—*Double Seamer for Tin Work.*



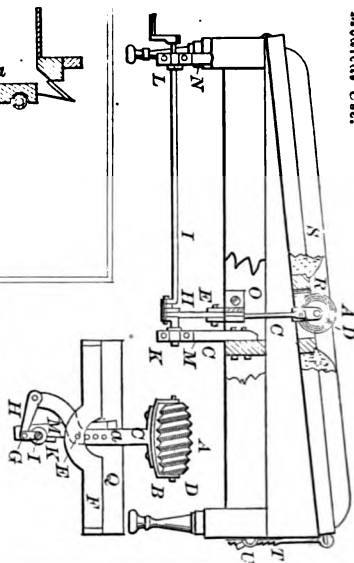
77928—J. D. Smith—*Measuring Faucet.*



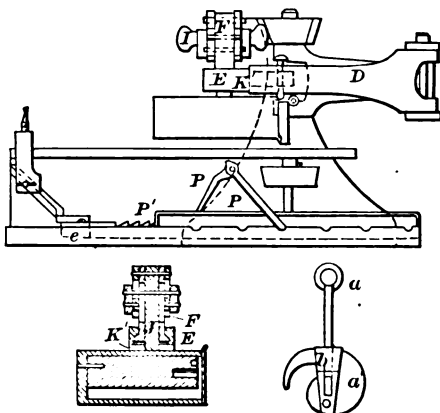
77932—W. Swindell—Puddling and Boiling Furnace.



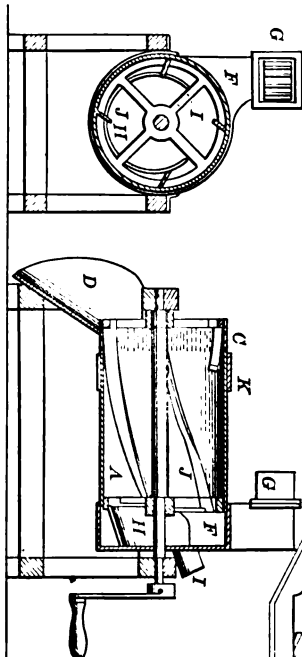
77933—G. H. Taylor—Oscillating Rubbing Machine for Medical Use.



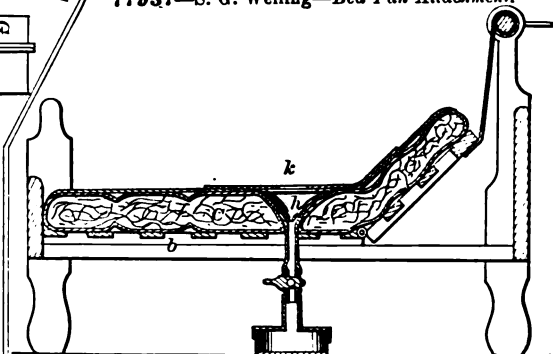
77934—J. W. Thorp—Tailors' Pressing Machine.



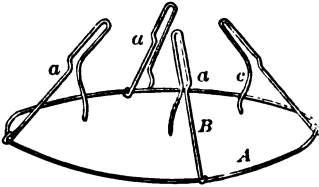
77935—D. H. Turner—For Cooling and Purifying Bone Black.



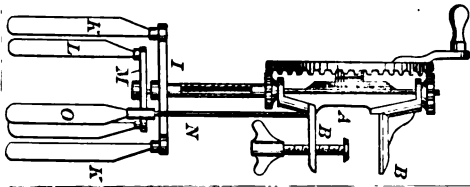
77937—S. G. Welling—Bed Pan Attachment.



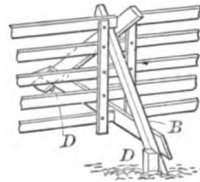
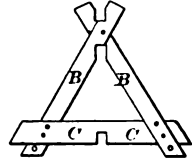
**77936—G. Wedekind—*Lamp Shade.***



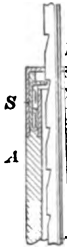
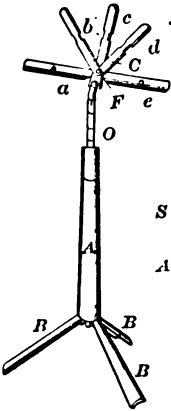
**77939—E. B. West—Churn Dasher.**



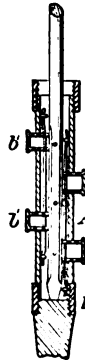
**77942—T. B. Wickham—**  
*Portable Fence.*



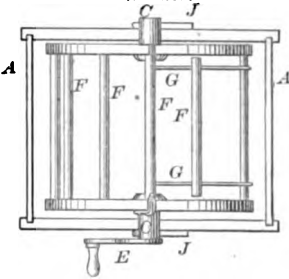
**77940—D. M. White—*Portable Music Stand.***



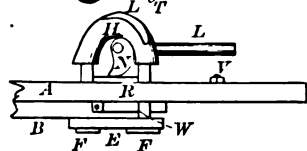
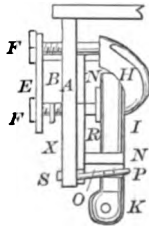
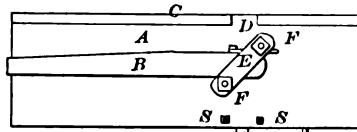
77941—W. H. White—Tube Well.



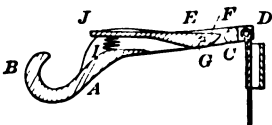
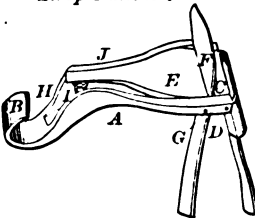
**77944—G. H. Tift—Vegetable Washer.**



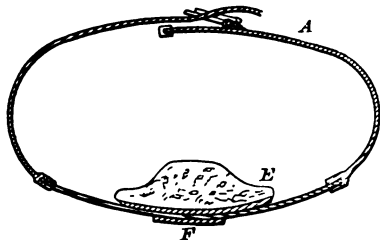
**77943—W. J. Willits—Platform Car Stake Holder.**



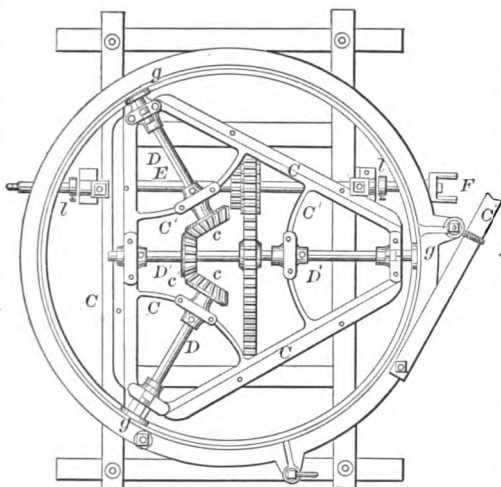
**77946—J. B. Armstrong—**  
*Strap Fastener.*



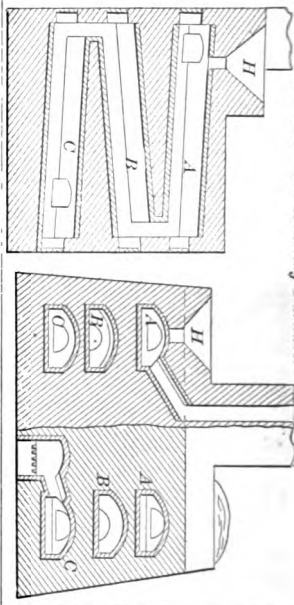
**77947—S. Ayres—*Truss.***



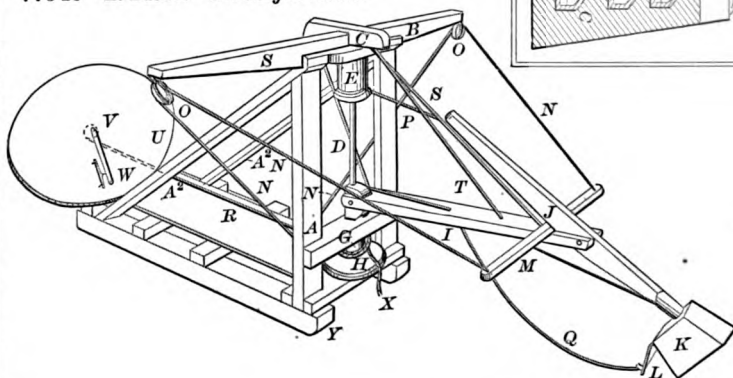
77945—Aldridge &amp; Bedford—Horse Power.



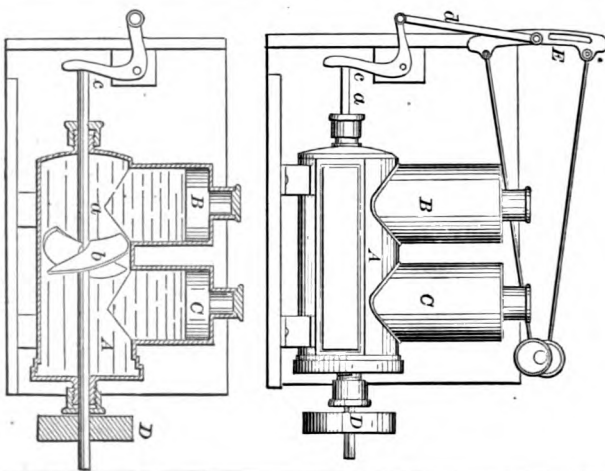
77950—N. Bartlett—Ore Roasting Furnace.



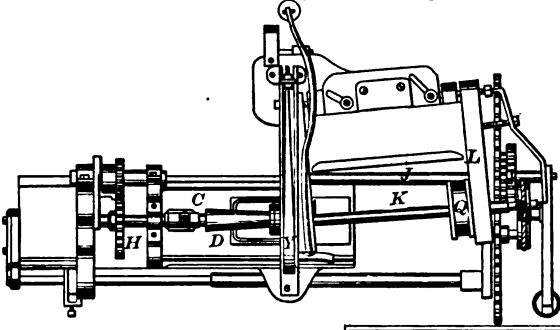
77949—E. Barnes—Ditching Machine.



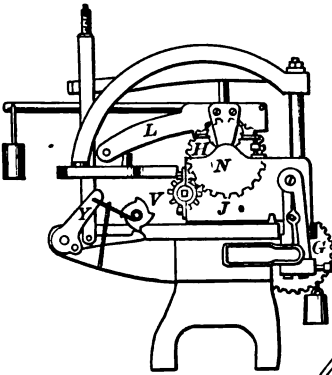
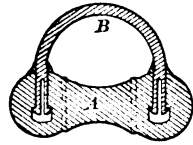
77948—C. H. Bacon—Steam Engine Governor.



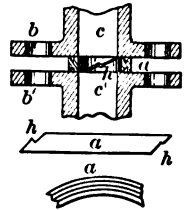
77951—B. F. Bee—For Cutting Eccentric Taps.



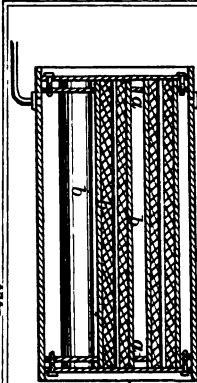
77953—S. Bickerstaff—  
Hermetically Closed  
Padlock.



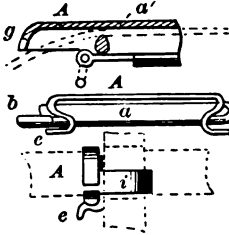
77954—H. Brocard—  
Packing for Joints of  
Steam Water Pipes.



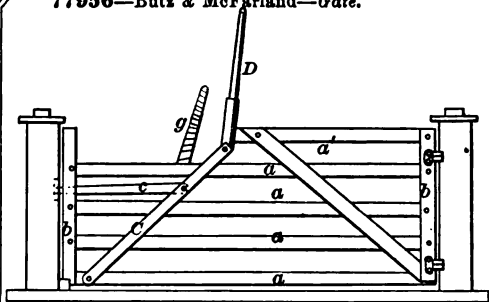
77952—H. W. Beins—Vulcanizing  
India Rubber Car Spring.



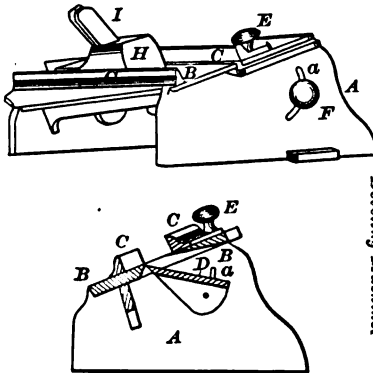
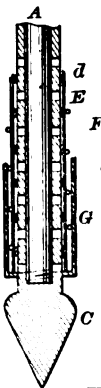
77955—S. P. Burdick—Buckle.



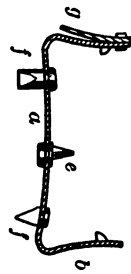
77956—Butz & McFarland—Gate.



77957—O. D. Chapman—Tube Well.

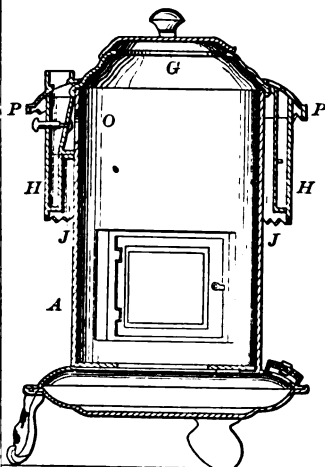


77958—W. P. Chase—Bookbinder's  
Betting Machine.

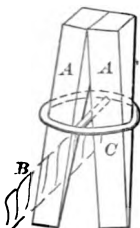


77960—A. F. Clemens—Heel Calk.

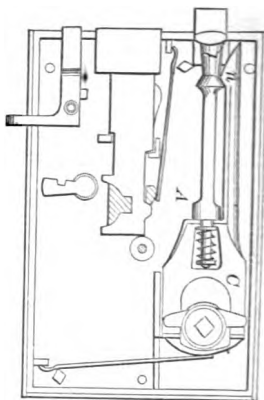
77962—T. Crane—Coal Stove.



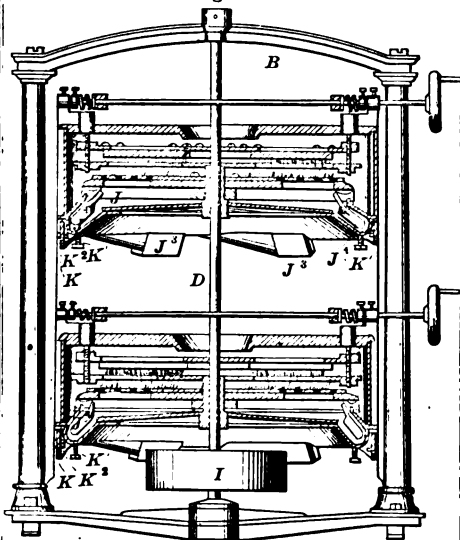
77961—C. C. Comstock—Rug's Dog.



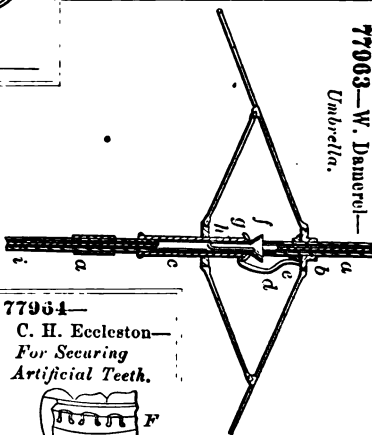
77960—B. Erbe—Reversible Knob Latch.



77965—P. T. Elting—Bran Duster.



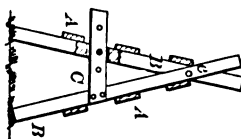
77963—W. Damorel—Umbrella.



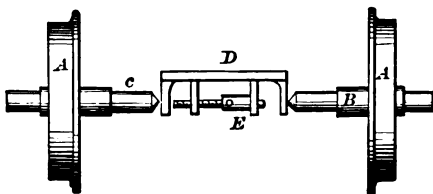
77964—C. H. Eccleston—For Securing Artificial Teeth.



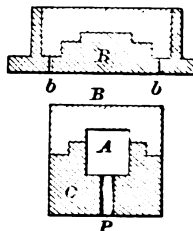
77967—O. J. Everson—Fence.



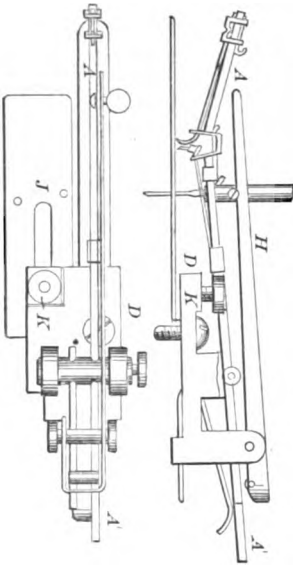
77968—W. B. Fahnestock—Car Axle.



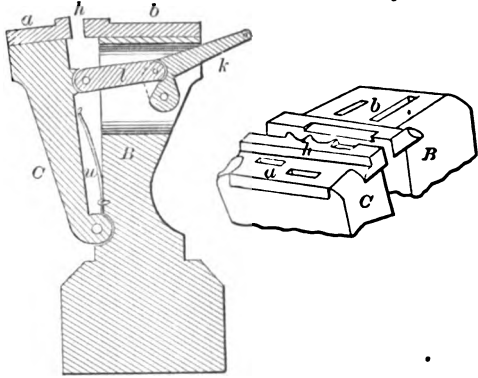
77969—Felthoff &amp; Tingley—Mould for Making Drain Tiles.



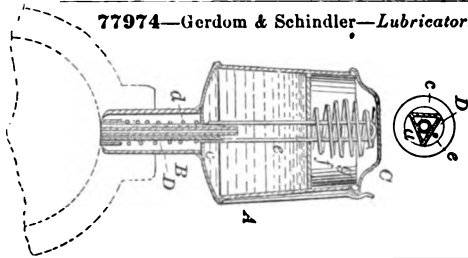
77972—H. W. Fuller—Creasing Apparatus for Sewing Machines.



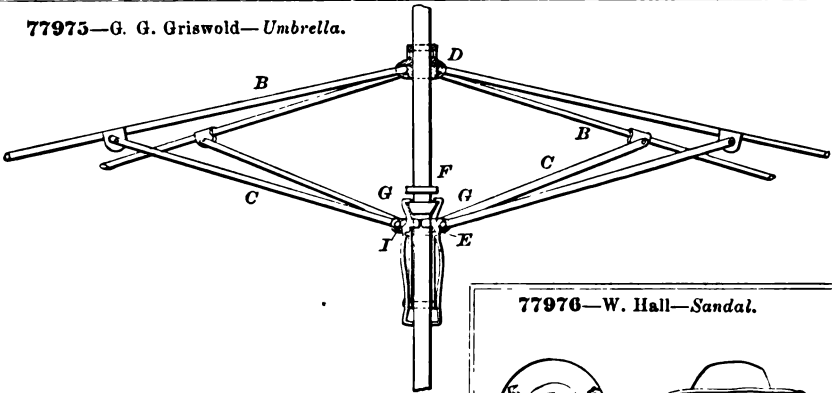
77973—G. L. Gerald—Horse Shoe Calking Vise.



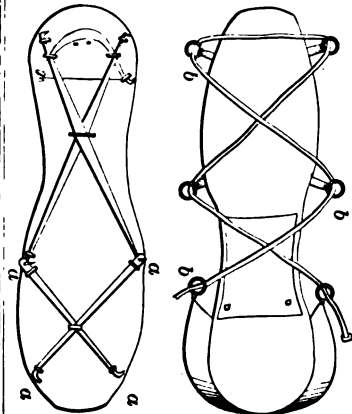
77974—Gerdorn & Schindler—Lubricator.



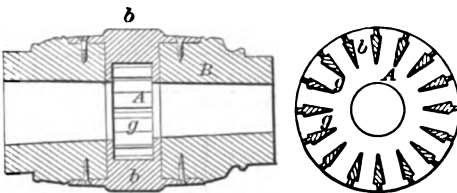
77975—G. G. Griswold—Umbrella.



77976—W. Hall—Sandal.

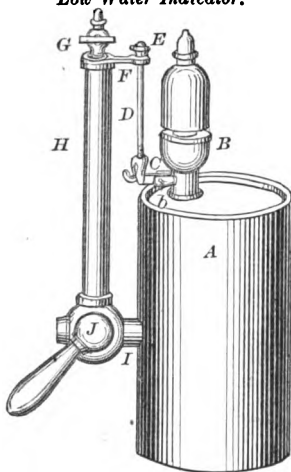


77977—H. D. Haraden—Carriage Wheel Hub.

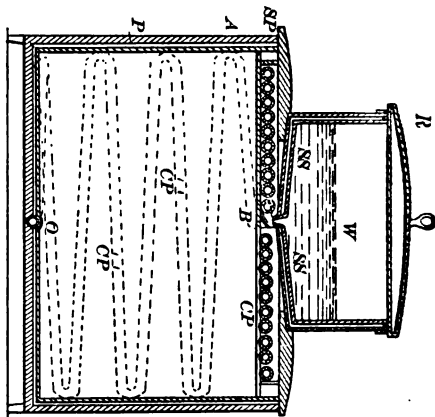




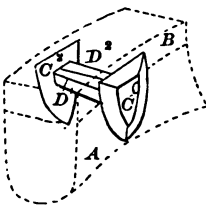
**77978—Hargrave & Charlton—  
Low Water Indicator.**



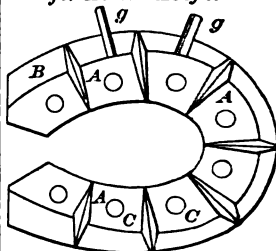
**77980—J. H. Hollingworth—Refrigerator.**



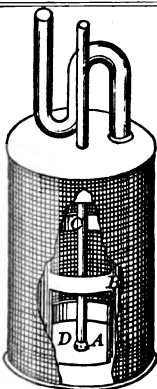
**77981—W. H. Hovey—  
Securing Tires to Wheels.**



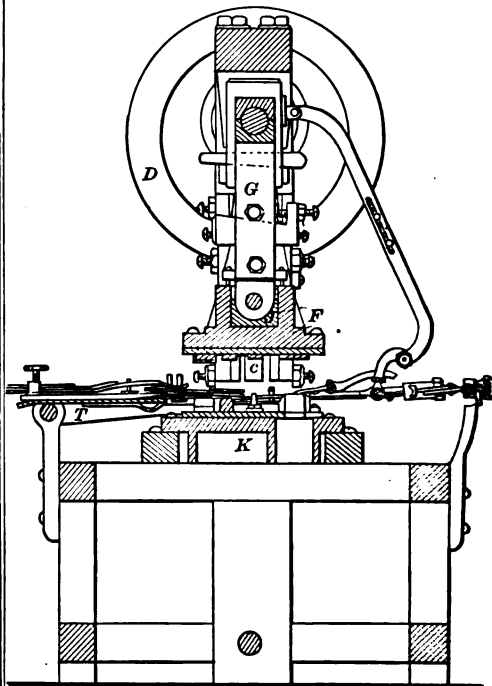
**77979—J. Haseltine—Pad  
for Horses' Hoofs.**



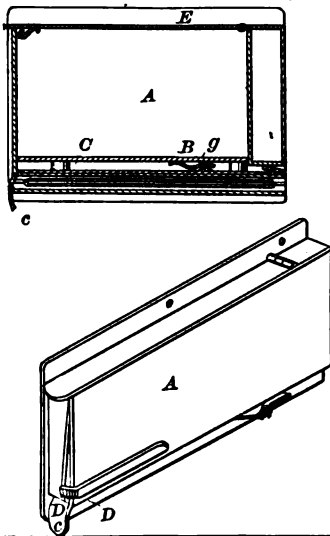
**77982—Hunt & Knight—For Collecting  
Gases.**



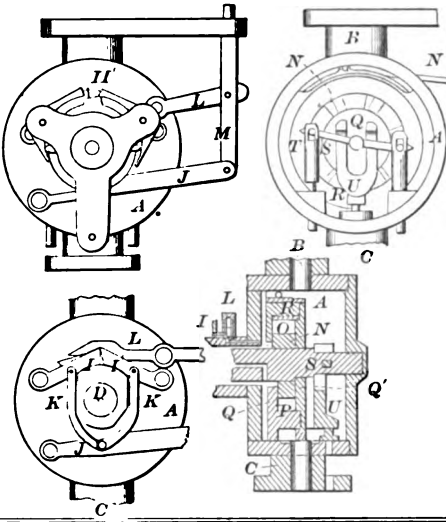
**77985—W. H. Johnson—Cutting Machine.**



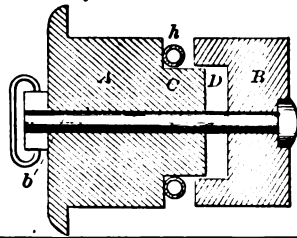
**77984—M. Jincks—Match Safe.**



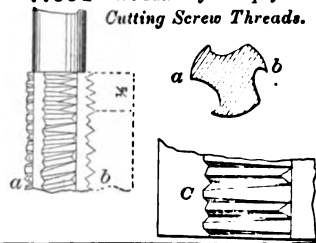
77986—A. Kendall—Cut-off Valve Gear.



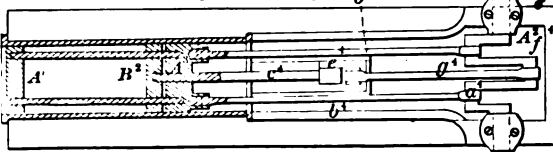
77988—T. T. S. Laidley—Tompson for Fire Arms.



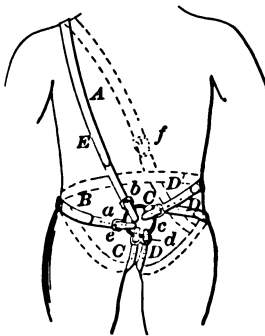
77994—W. Mantey—Tap for Cutting Screw Threads.



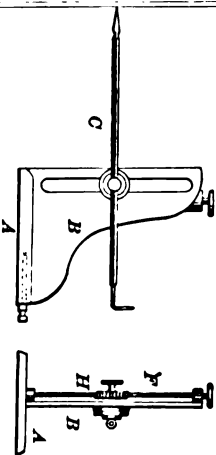
77989—H. O. Lothrop—Steam Engine.



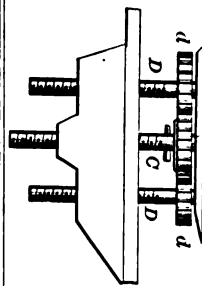
77999—J. McFadden—Truss Supporter.



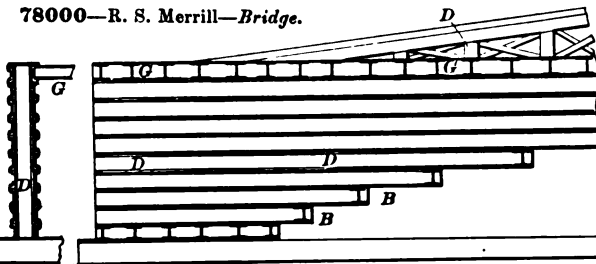
77997—E. W. Mathewson—Gauge.



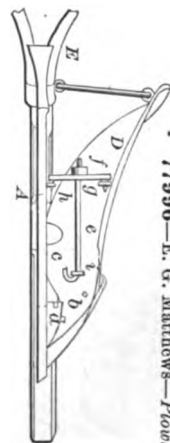
77998—E. B. McCoy—Drench Dog.



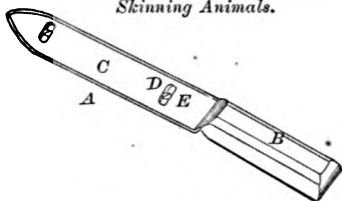
78000—R. S. Merrill—Bridge.



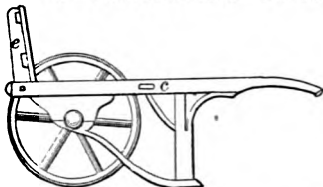
77996—E. G. Matthews—Plo.



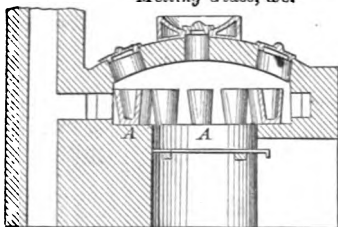
**78002—G. W. Myers—Knife for Skinning Animals.**



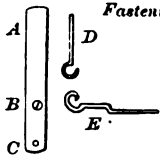
**78003—W. F. Newcombe—Wheelbarrow.**



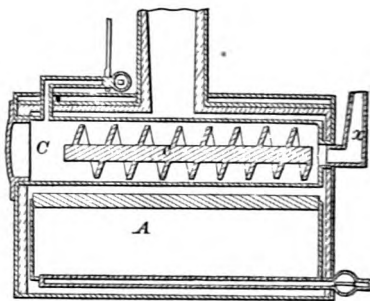
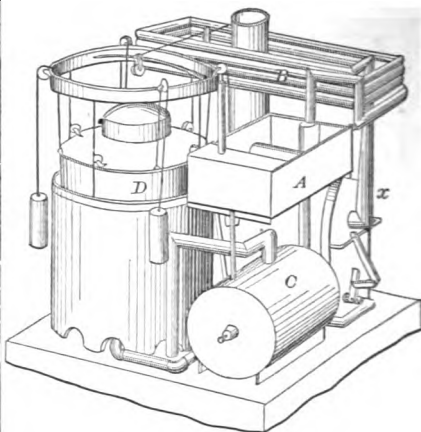
**78007—W. P. Prickett—Furnace for Melting Glass, &c.**



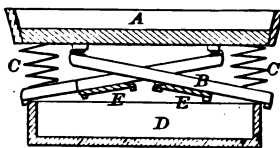
**78004—J. M. Peirce—Blind Slat Fastening.**



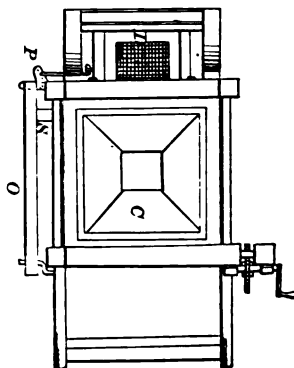
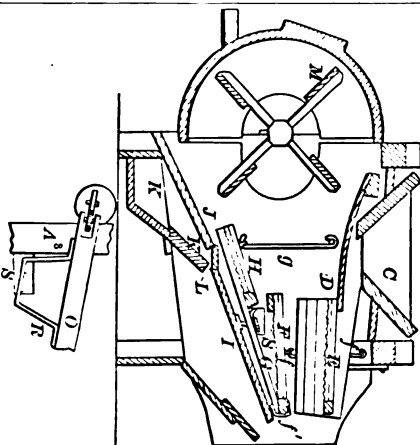
**78006—J. Ponton—Gas Apparatus.**



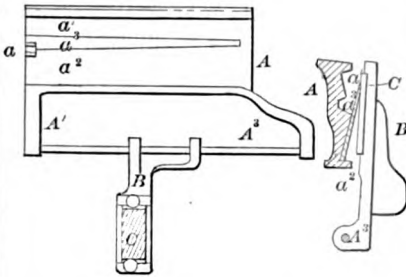
**78009—A. Reichert—Spring Wagon Seat.**



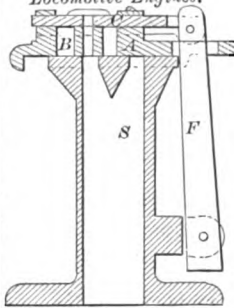
**78008—Ray & Leigh—Fanning Mill.**



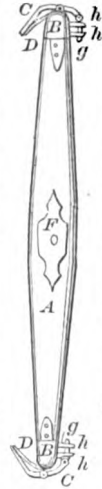
**78010**—C. H. Reynolds—*Knife Sharpener.*



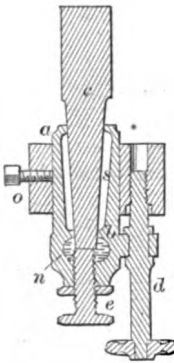
**78012**—G. Richards—*Throttle Valve for Locomotive Engines.*



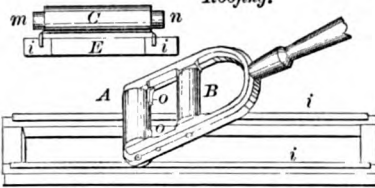
**78011**—E. D. & J. P. Rhoads—*Trace Fastener.*



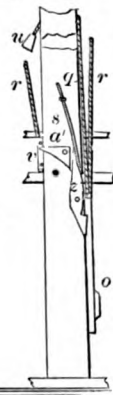
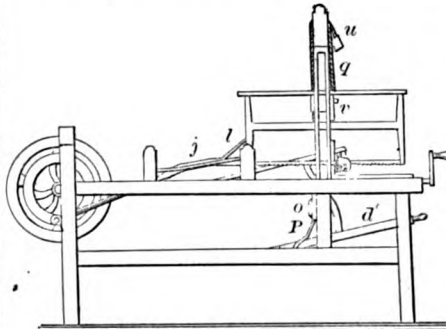
**78013**—J. Richards—*Bearing for Spindles.*



**78014**—Richardson & Cole—*For Rolling Roofing.*



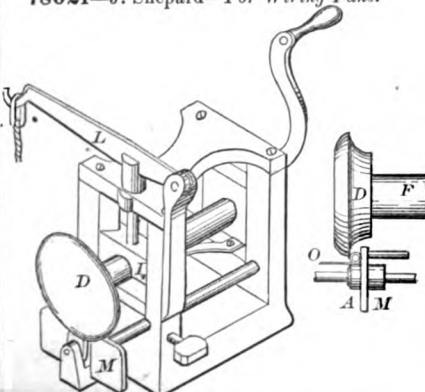
**78019**—A. E. Ross—*Sawing Machine.*



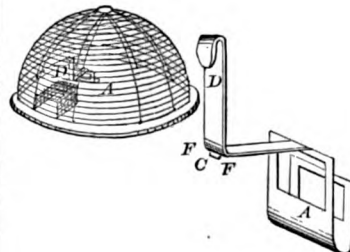
**78020**—E. C. Ryer—*Watch, Clock and Lock Key.*



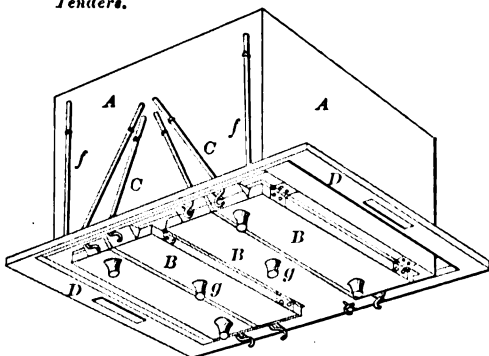
**78021**—J. Shepard—*For Wiring Pans.*



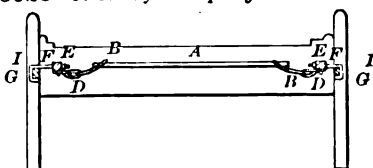
**78015**—T. L. Rivers—*Animal Trap.*



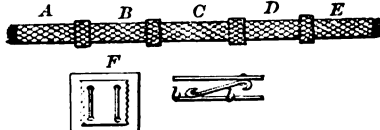
78022—A. D. Smith—Loader for Locomotive Tenders.



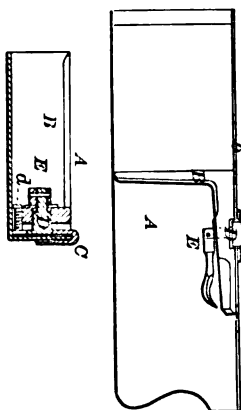
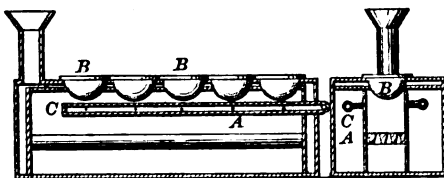
78026—J. C. Taylor—Spring Bed Bottom.



78027—E. Thomas—Necktie.



78028—J. M. Thompson—Evaporator.

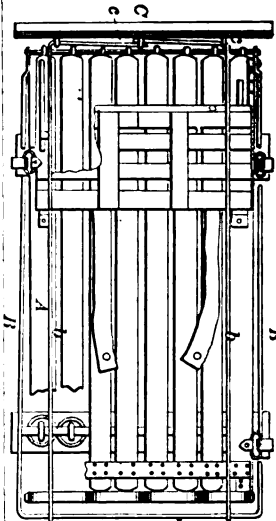


78033—J. L. Walt—Composing Stick.

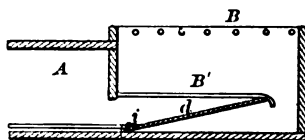
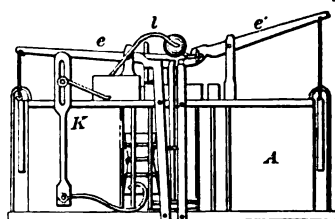
78032—E. Wadhams—Metallic Tag for Straps.



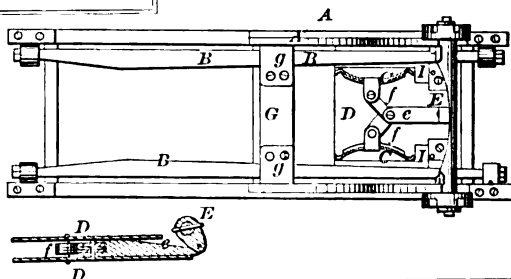
78024—E. Steinel—Mosquito Bar.



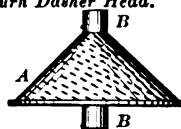
78029—J. Trainer—Animal Trap.

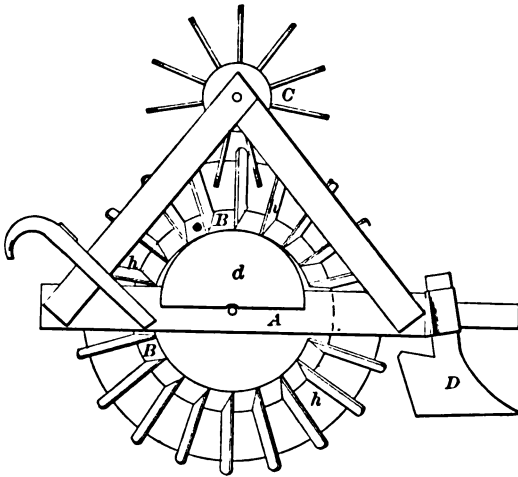


78030—C. S. Tyson—Gun Carriage.

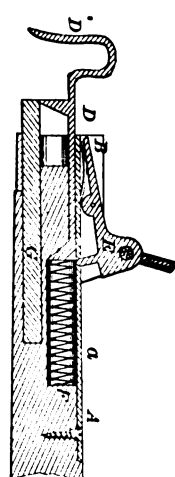


78025—B. F. & A. H. Stover—Churn Dasher Head.



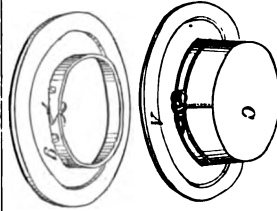
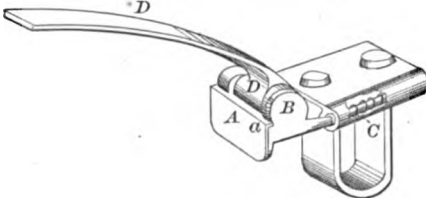


78031—Vaughn & Chumness—Subsoil Plow.



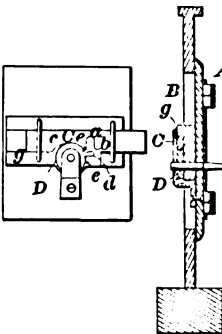
78034—H. Webster—Whiffletree.

78035—H. Webster—Thill Coupling.

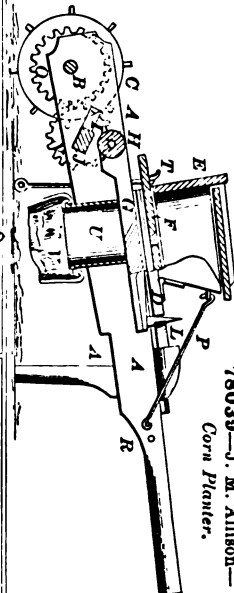
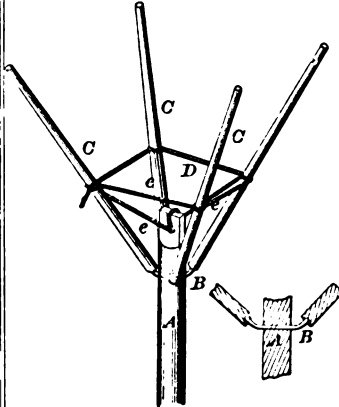


78036—W. H. White—Hat.

78038—L. L. Wooley—Door Lock.

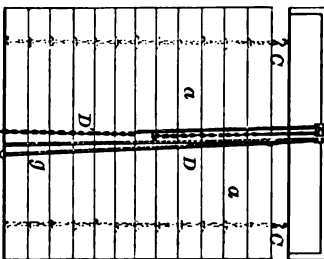


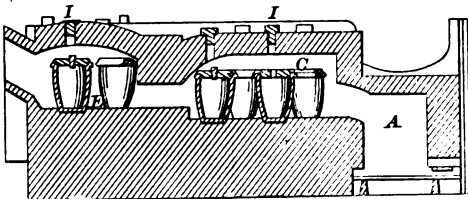
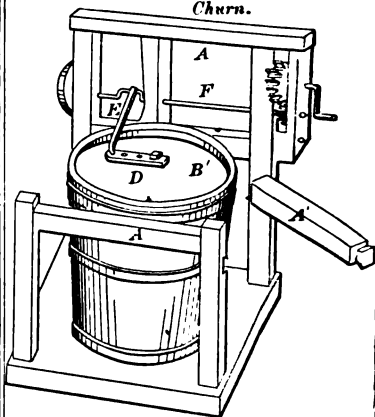
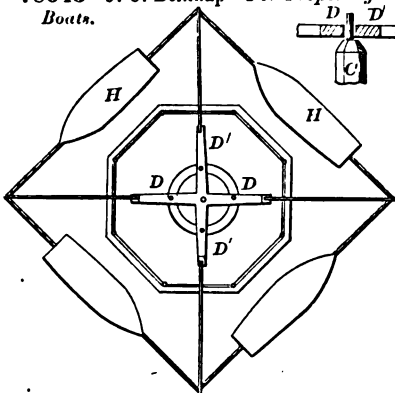
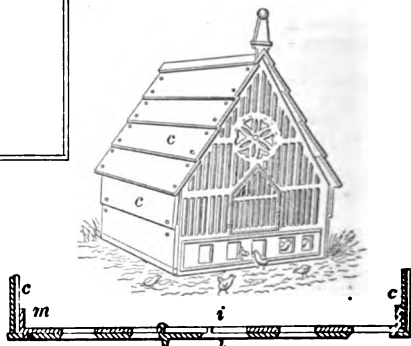
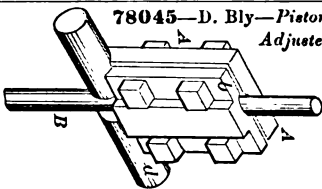
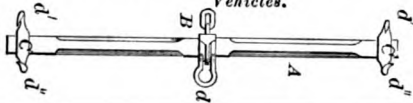
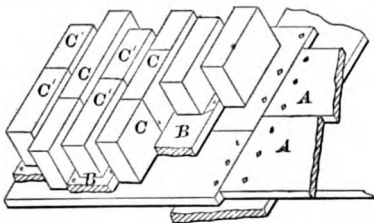
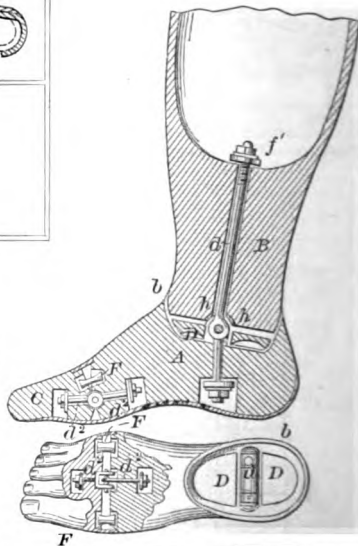
78037—D. F. Wilcox—Hop Pole.



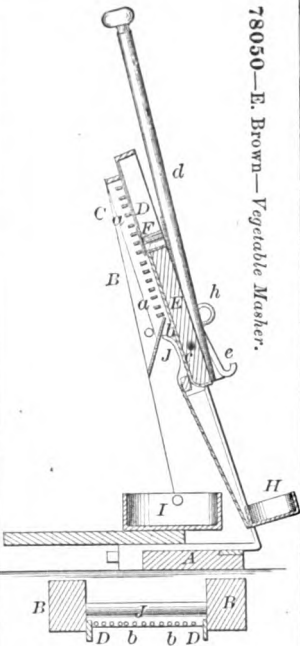
78039—J. M. Allison—Corn Planter.

78040—Andresen & Asbahr—Venetian Blind.

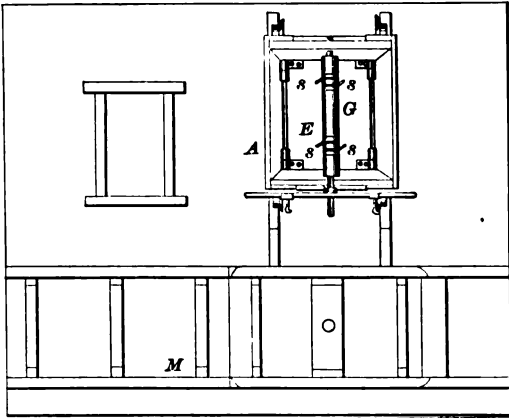


78041—F. Asthower—*Manufacture of Steel.*78042—Bartholomew & Dinsmore—*Churn.*78043—J. O. Belknap—*For Propelling Pleasure Boats.*78044—S. S. Bent—*Chicken Coop.*78045—D. Bly—*Piston Rod Adjuster.*78047—J. L. Brierly—*Pipe Wrench and Cutter.*78049—W. P. Brooks—*Draught Attachment for Vehicles.*78046—W. W. Boyington—*Pavement.*78048—R. Briody—*Artificial Limb.*

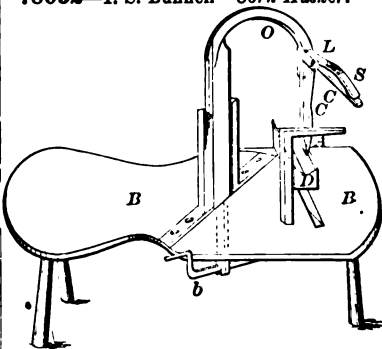
**78050—E. Brown—Vegetable Masher.**



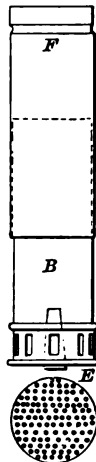
**78051—J. Bundy—*Peat Car.***



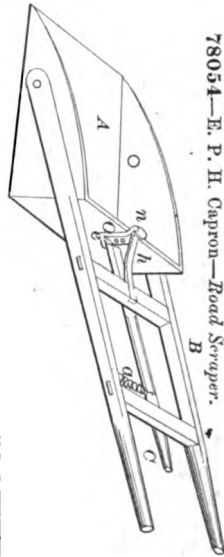
**78052**—I. S. Bunnell—*Corn Husker.*



**78053—C. Burnham—Gas Heater.**



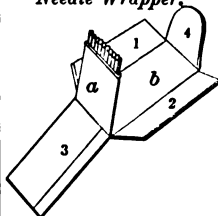
78054—E. P. H. Capron—*Road Sweeper.*



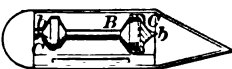
**78056—W. B. Cargill—Corset Fastening.**



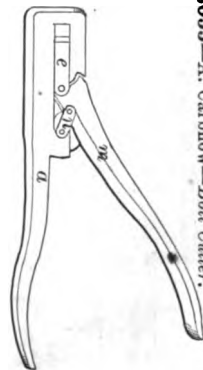
**78059—J. Clarke—**  
*Needle Wrapper.*



**78057—D. M. Church—Sewing  
Machine Shuttle.**

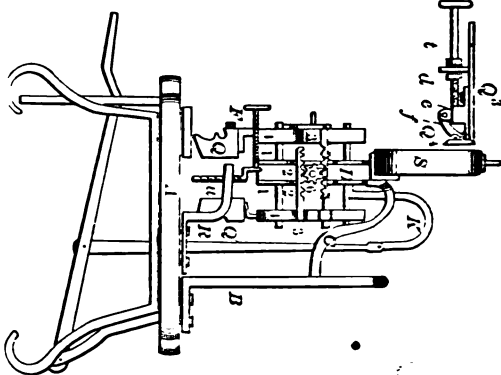
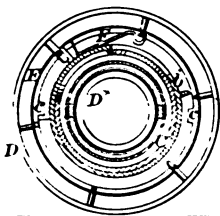
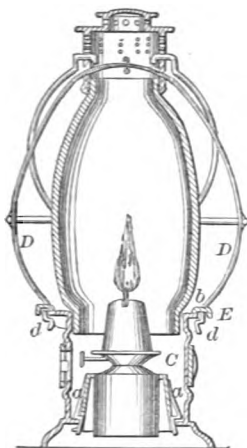


**78055—A. Carbow—Bolt Cutter.**

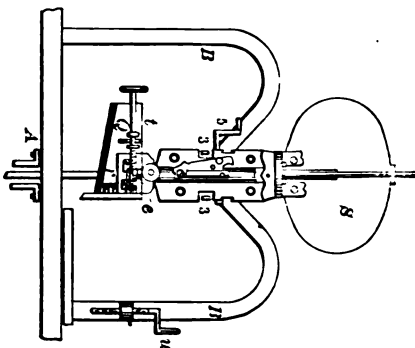




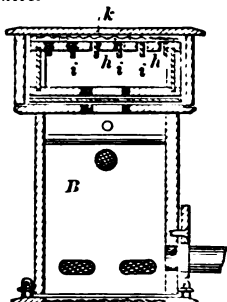
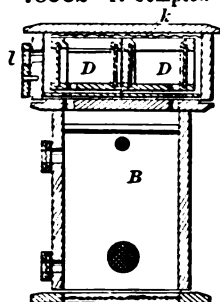
**78058**—P. J. Clark—*Lantern.*



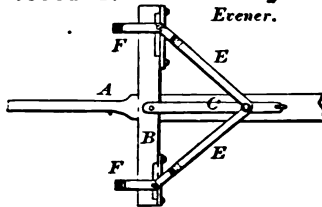
**78060**—W. F. Cobb—*Tenoning Machine.*



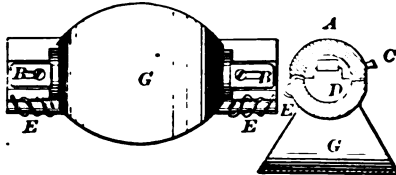
**78062**—P. Compton—*Receiv.*



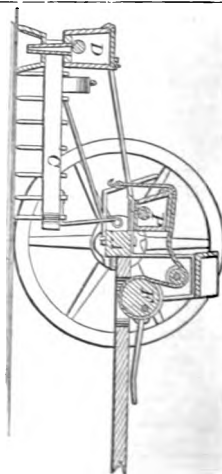
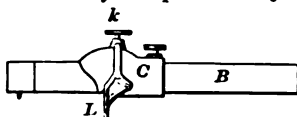
**78064**—F. N. Corbin—*Whiffletree Evener.*



**78063**—D. T. Condo—*Sad Iron Holder.*

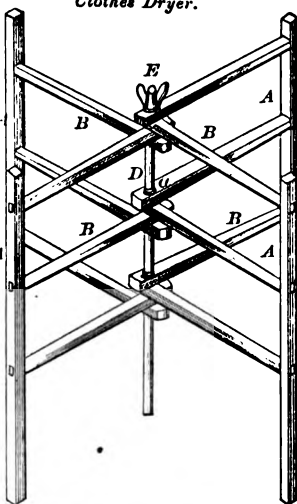
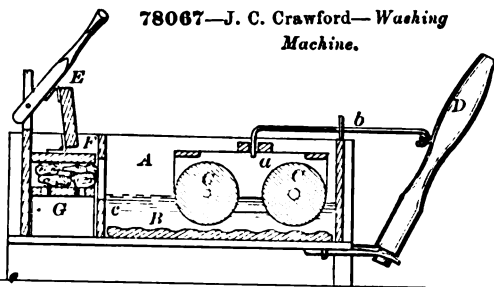


**78065**—F. W. Coy—*Carpenters' Gauge.*



**78066**—E. F. Crawford—*Seeder and Cultivator.*

**78069—J. D. Davenport—**  
*Clothes Dryer.*



A diagram of a mechanical device, possibly a pump or a press. It features a horizontal beam with a handle on the left and a vertical support on the right. A curved arm is attached to the beam, and a vertical rod passes through it. The device is mounted on a cylindrical base.

78074—I. Dripps—*Railway Car Store.*

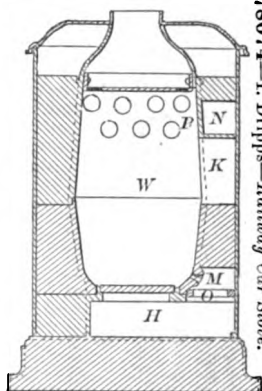
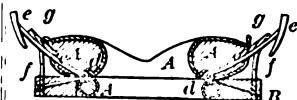
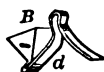
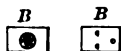
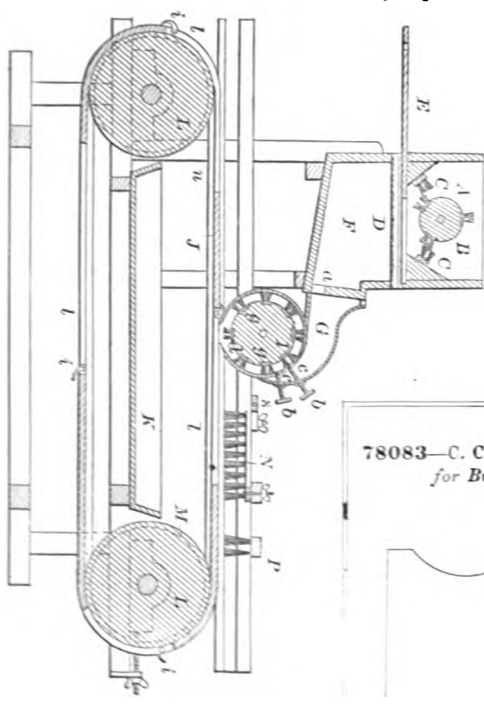


Diagram of a Button Hook. The main tool is labeled 'E'. A small component is labeled 'A'. A separate part is labeled 'B'. Another part, possibly a different view or a related component, is labeled 'A'.



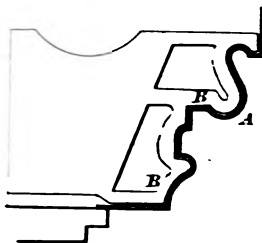
78079—M. H. Gardner—For Enameling Paper.



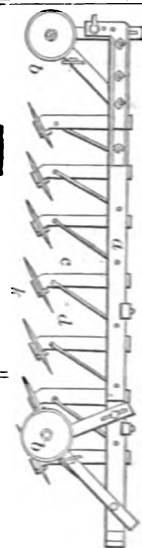
78082—S. L. Gray—Harness for Vicious Horses.



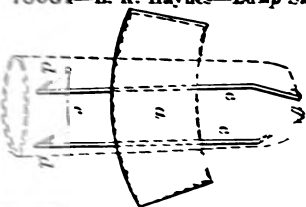
78083—C. C. Hare—Cornice for Buildings.



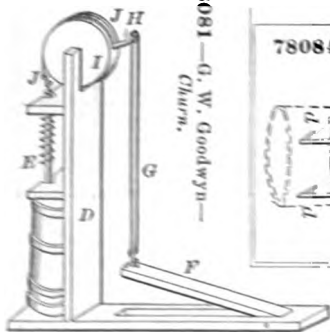
78080—H. A. Ganton—Cultivator.



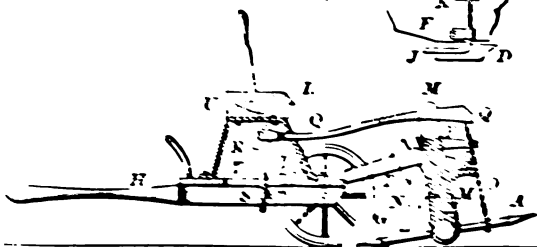
78084—E. K. Haynes—Lamp Shade.



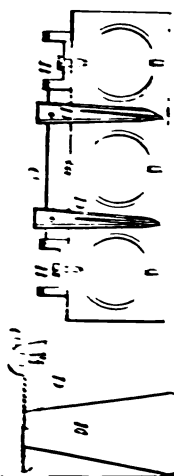
78081—G. W. Goodwyn—Chair.



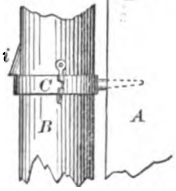
78086—W. A. Heath—Hay Rack.



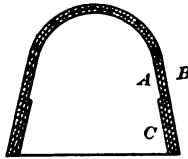
78085—E. Haythorn—Spinning Frame.



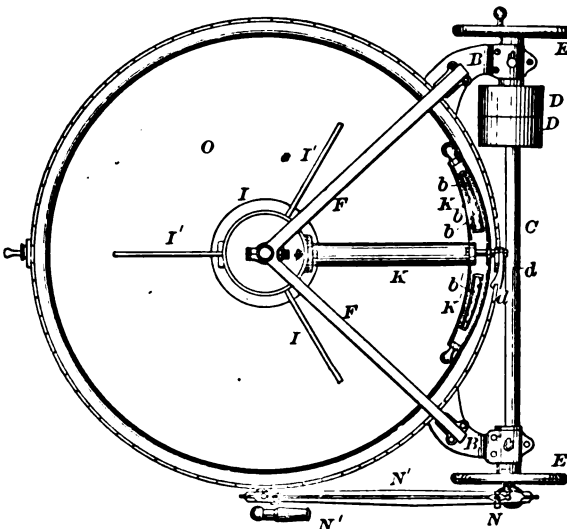
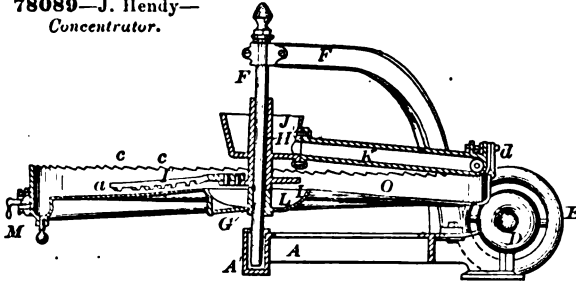
**78087—G. A. Hein—Water Spout Fastening.**




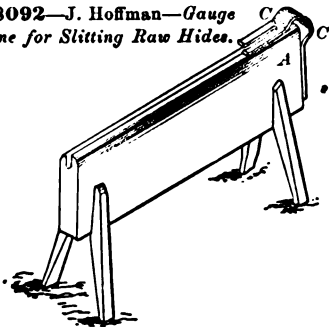
**78090—R. D. Hine—Facing  
Wool Hat Bodies with Fur.**



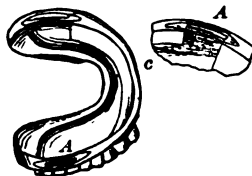
**78089—J. Hendy—**  
*Concentrator.*



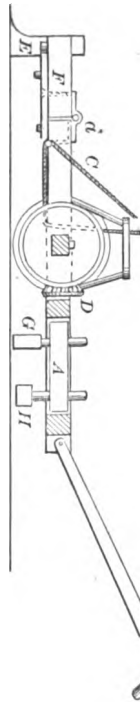
**78092—J. Hoffman—Gauge**  
**Frame for Slitting Raw Hides.** 



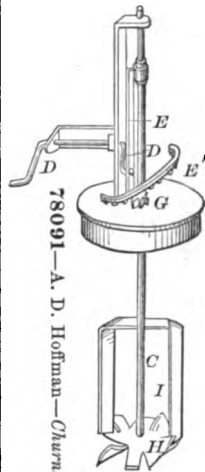
**78094—I. A. Horn—*Plate for Artificial Teeth.***

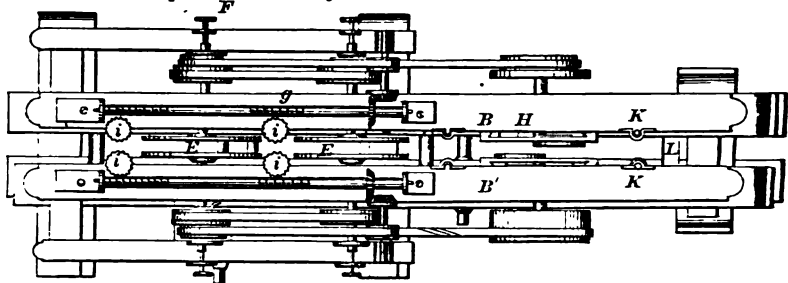
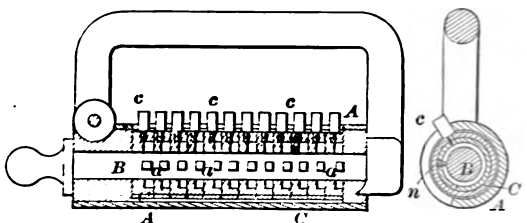
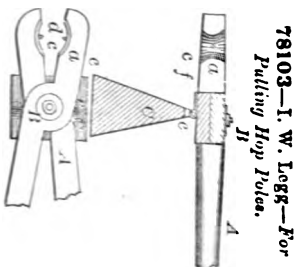
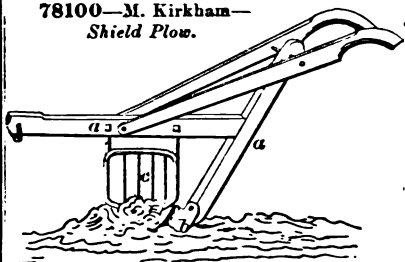
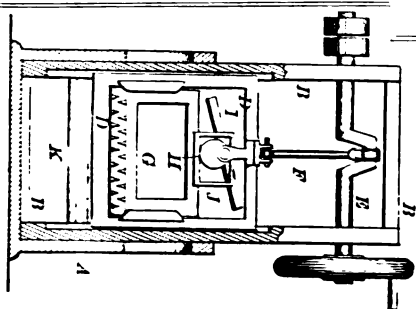
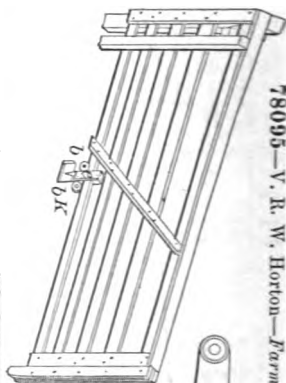
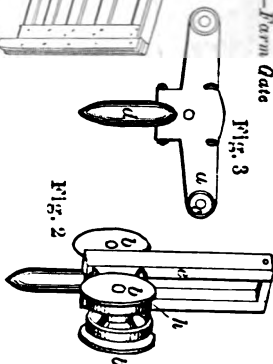
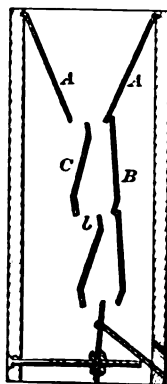


**78088—L. Henderson—Cotton Cultivator.**

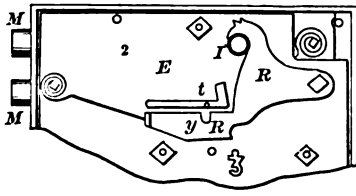
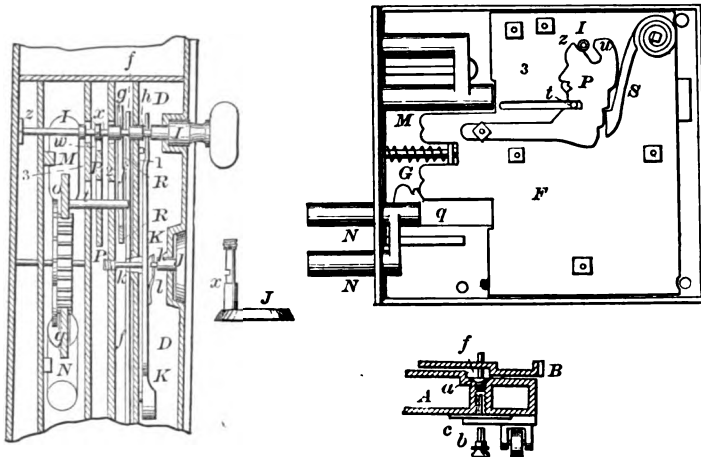


78091—A. D. Hoffman—*Churn*.

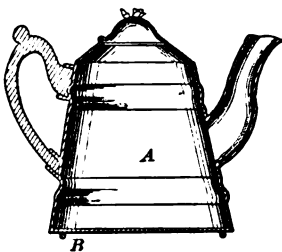


**78093**—H. O. Hooper—*For Polishing Wood.***78097**—G. Kaiser—*Permutation Lock.***78100**—M. Kirkham—*Shield Plow.***78103**—I. W. Logg—*For Pulling Hop Poles.***78102**—L. E. Lanny—*For Washing Drifters.***78095**—V. R. W. Horton—*Farm Gate***Fig. 2****Fig. 3****78099**—C. F. Keller—*For Taking Tull in Drift Mills.*

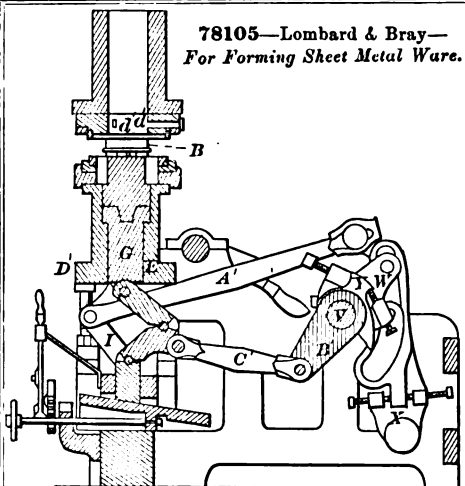
**78101—J. G. Kriechbaum—Safe Door Lock.**



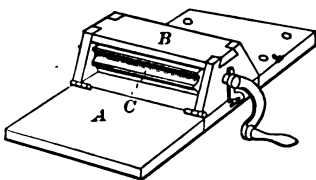
**78104—L. Lehmann—Tin Ware.**



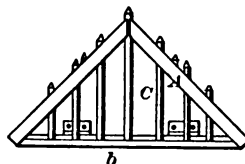
**78105—Lombard & Bray—  
For Forming Sheet Metal Ware.**



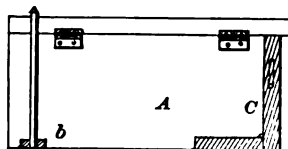
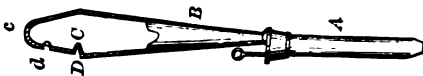
**78106—S. H. Lombard—Dough Kneader.**



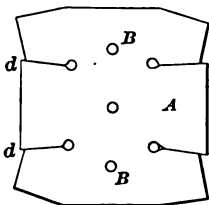
**78109—J. H. Mabbett—Chicken Coop.**



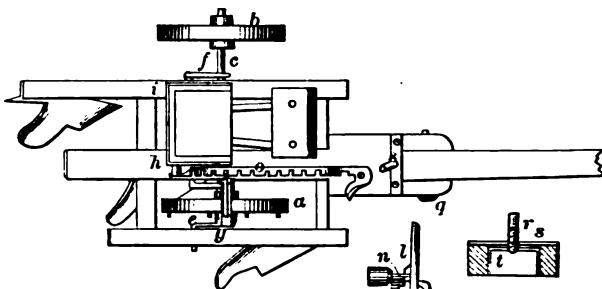
**78107—J. Lorenz—Organ Pipe.**



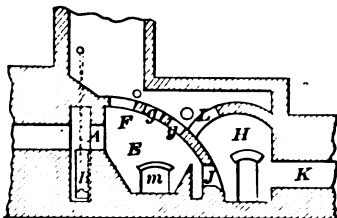
78110—O. Macdaniel—  
*Fruit Basket.*



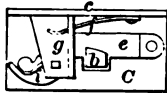
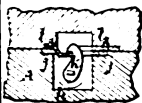
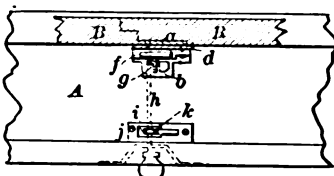
78111—G. W. Manuel—*Gang P'ow.*



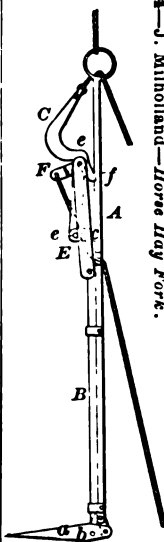
78113—C. Mellinger—*Ore Roasting  
Furnace.*



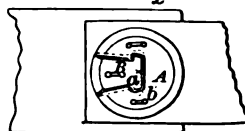
78115—W. J. Miller—*Sash and  
Shutter Fastening.*



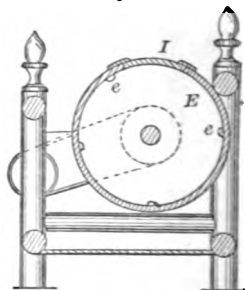
78114—J. Milholland—*Horse Hay Fork.*



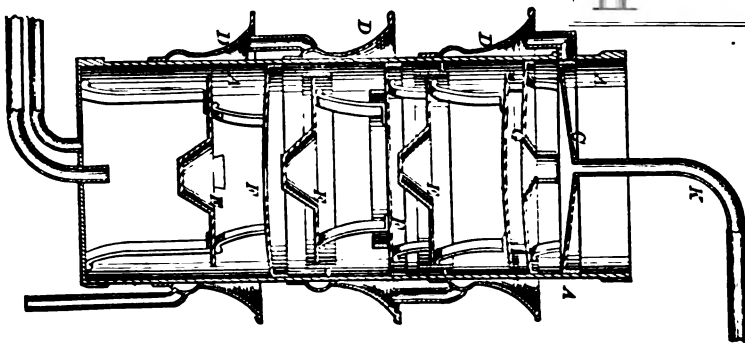
78116—M. D. Moore—  
*Button.*



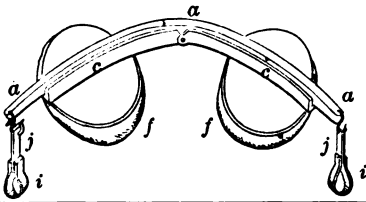
78117—E. R. Morrison—  
*For Casing Tobacco.*



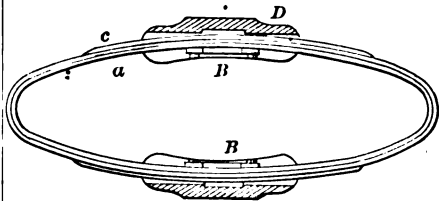
78118—Müller & Stock—*Doubler for Stills.*



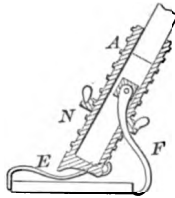
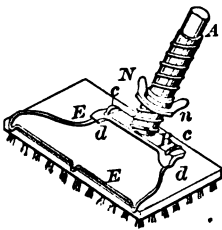
78119—B. T. Nichols—Cart Saddle.



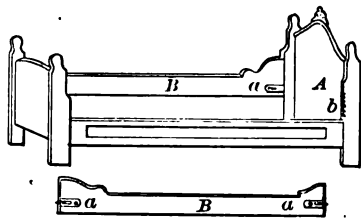
78120—W. R. Nichols—Car Spring.



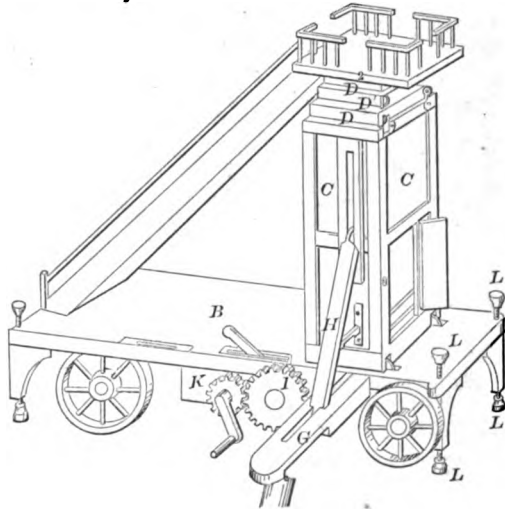
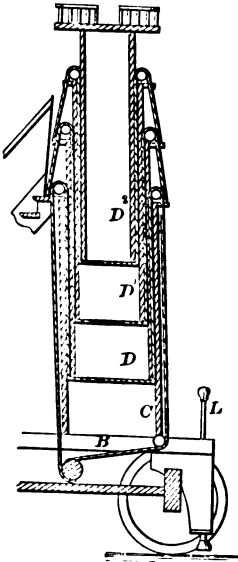
78121—P. O'Brian—Scrubbing Brush Holder.



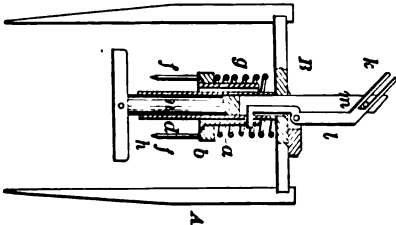
78123—G. T. Palmer—Crib and Bedstead.



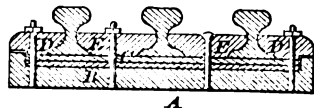
78122—V. O'Bryan—Fireman's Elevator.



78128—C. Polley—Mole Trap.



78126—A. Philippi—Railway Switch Plate.

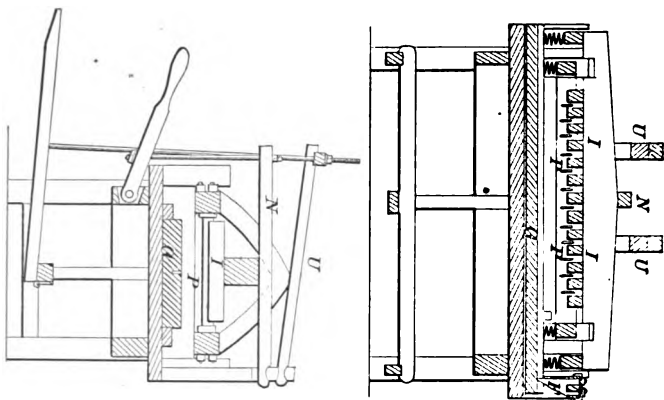


78124—C. B. Payne—Harness Buckle.

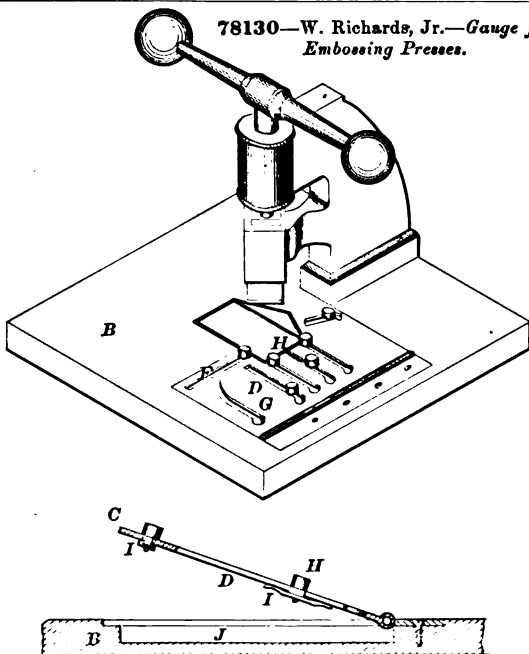




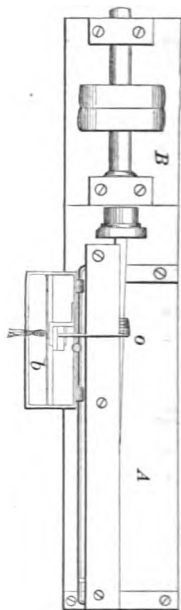
78127—J. R. Pierson—For Cutting and  
Stamping Soap.



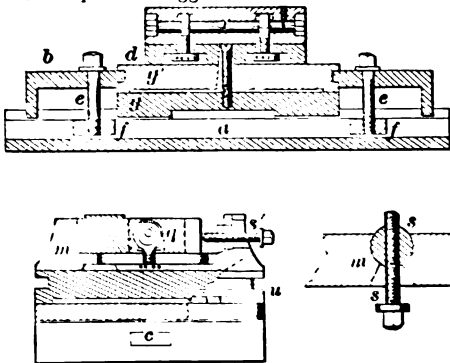
78130—W. Richards, Jr.—Gauge for  
Embossing Presses.



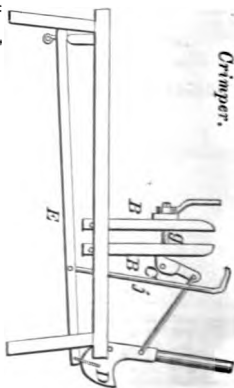
78129—A. C. Rand—Covering Whips.



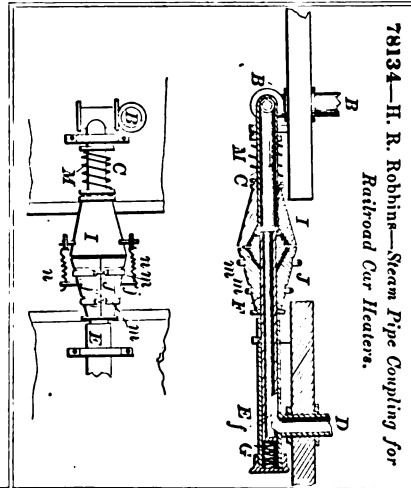
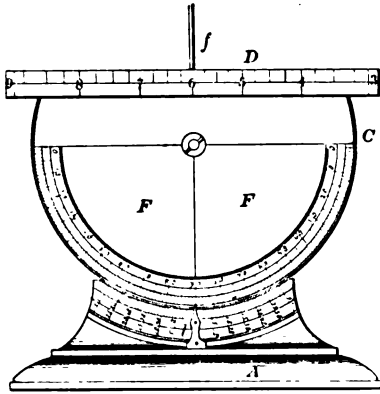
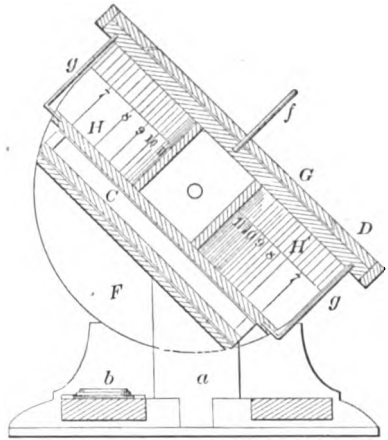
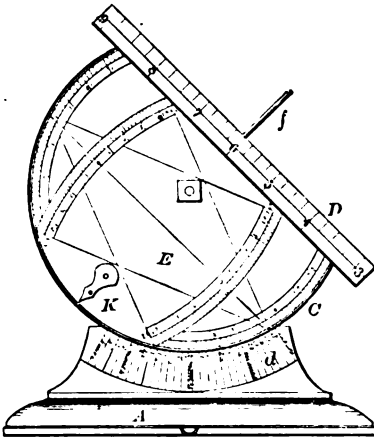
78132—C. H. Riggs—Planer Chuck.



78131—Richmond & McFarland—Boot  
Crimper.

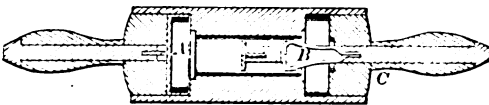


**78133—C. F. L. Risch—Heliometer.**

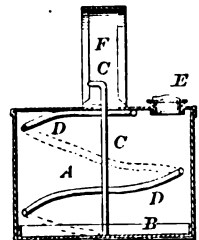


**78134—H. R. Robbins—Steam Pipe Coupling for Railroad Car Heaters.**

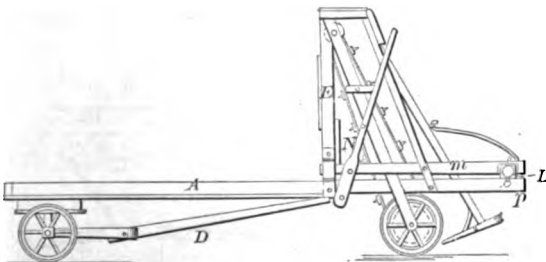
**78135—A. J. Roof—Rolling Pin.**

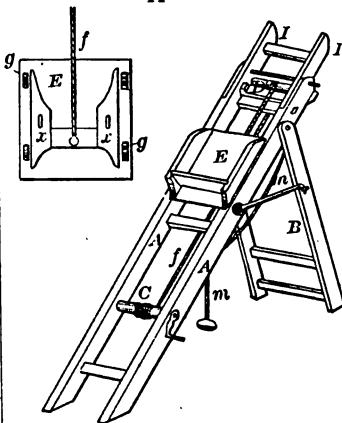
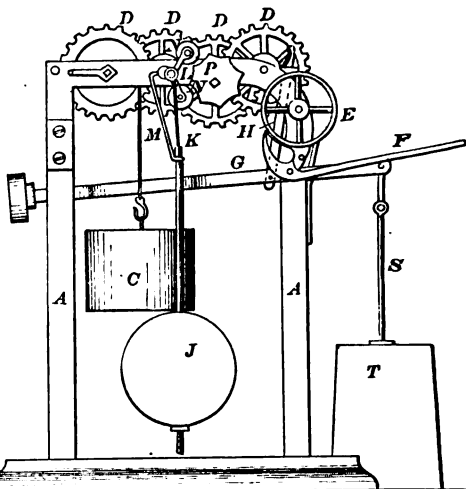
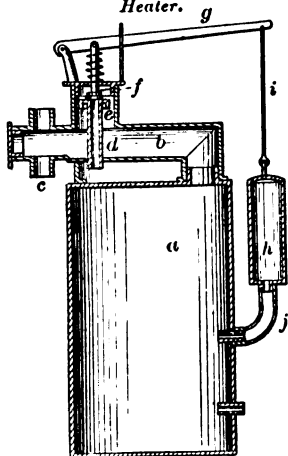
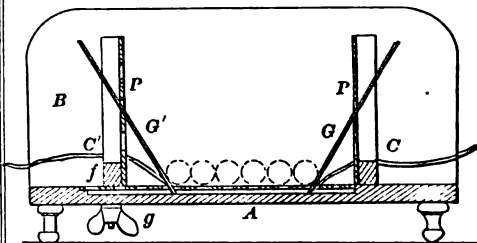
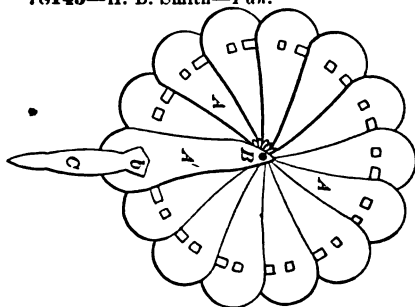
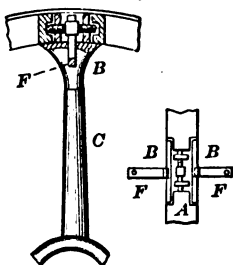
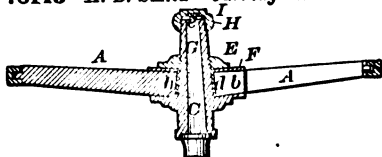
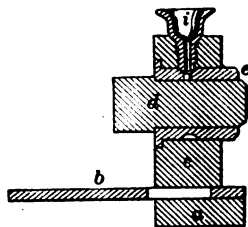


**78137**—G. O. Sanderson—  
*Cake Cutter.*

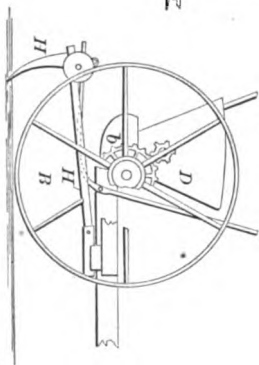
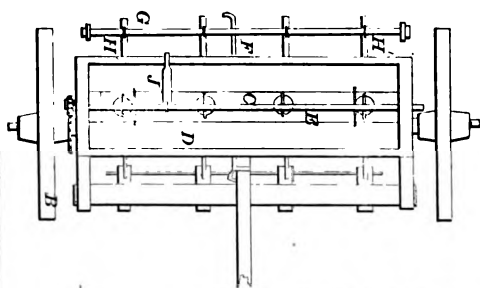


**78136—Ruhl & Herrington—*Hay Raker and Loader.***

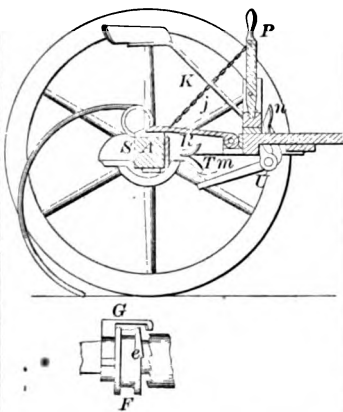


**78138—J. Sanderson—Hoisting Apparatus.****78139—L. Scott—Churn.****78140—T. Shipton—Feed Water Heater.****78142—C. A. Siecke—For Bundling Cigars.****78145—H. B. Smith—Fan.****78145—H. B. Smith—Fan.****78141—S. Shirley—Tire Tightener.****78143—A. B. Smith—Carriage Wheel.****78144—E. H. & H. G. Smith—Harvester.**

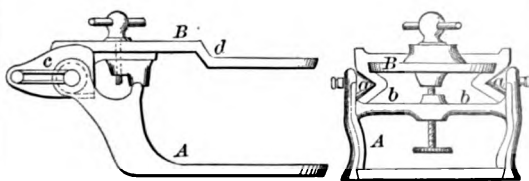
78146—M. D. Smith—Seeder and Cultivator.



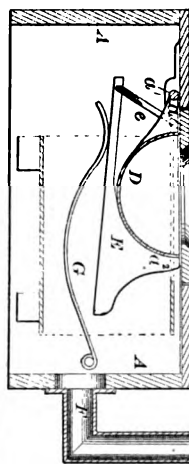
78147—M. Smith—Horse Rake.



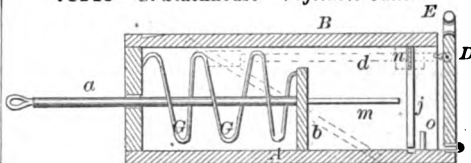
78151—E. T. Starr—Articulator.



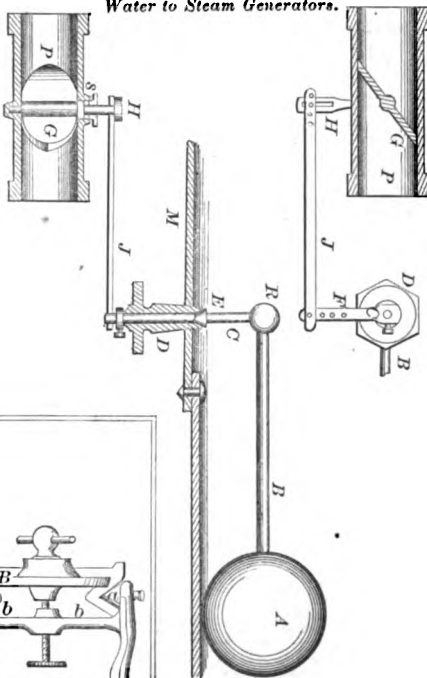
78148—W. Sprague—Water Closet.



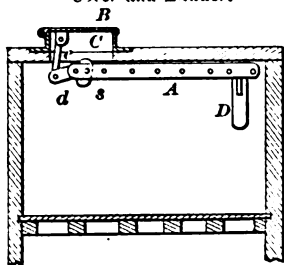
78149—G. Stackhouse—Vegetable Cutter.



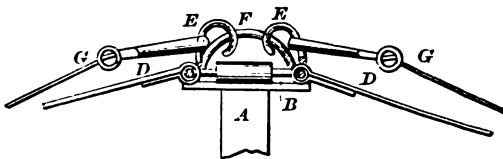
78150—Stafford & Leforgee—For Regulating Water to Steam Generators.



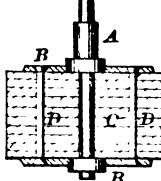
**78152—J. Steger—Scuttle  
Cover and Ladder.**



**78154—S. Stout—Trace Holder.**



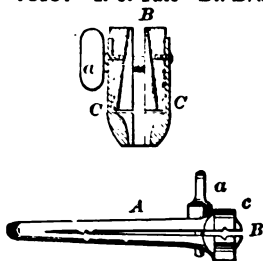
**78153—F. A. Sterry—  
Anti-Friction Roll.**



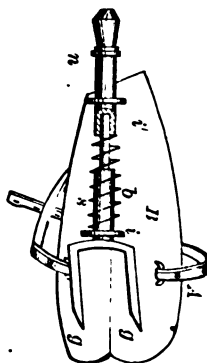
**78156—W. Swan—  
Ornamenting Fabrics.**



**78157—I. C. Tate—Bit Brace.**



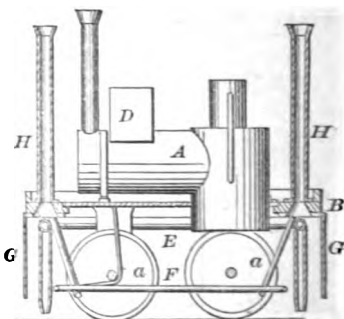
**78160—M. H. Sullivan—Cribbing Preventer.**



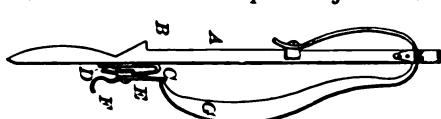
**78158—E. J. Toof—Pencil Holder.**



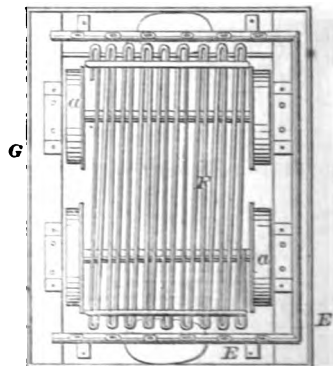
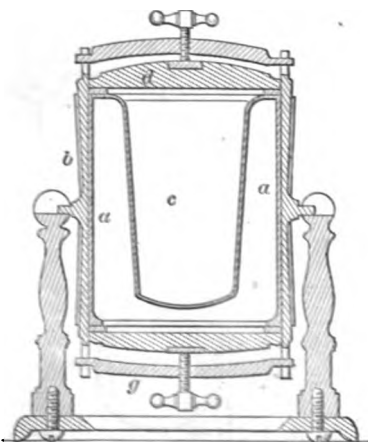
**78161—W. Y. Warner—Snow Plow.**



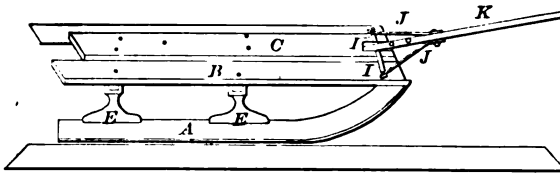
**78160—J. J. Wait—Lamp Chimney Cleaner.**



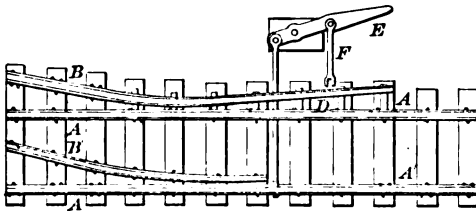
**78159—J. Baptiste—Freezing Apparatus.**



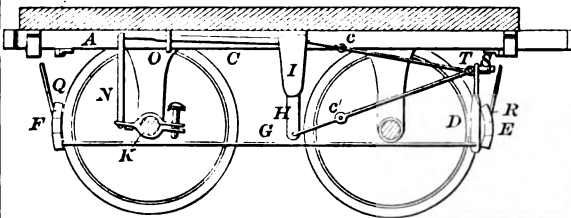
**78162—S Way—Sled.**



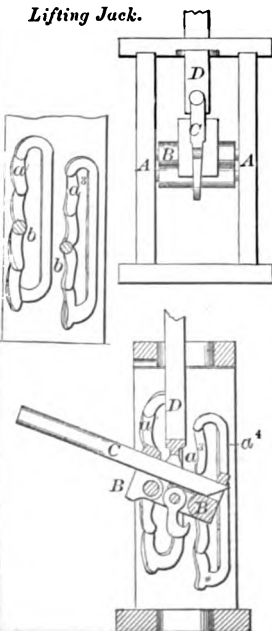
**78165—W. Wharton, Jr.—Railroad Switch.**



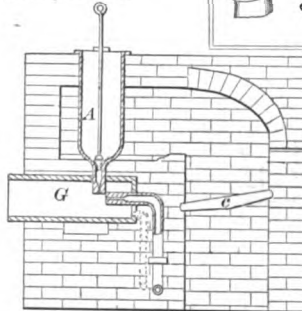
**78166—T. J. Whitney—Car Brake.**



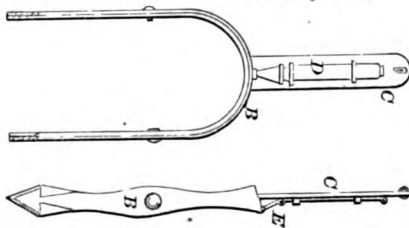
**78167—J Wilkinson—Lifting Jack.**



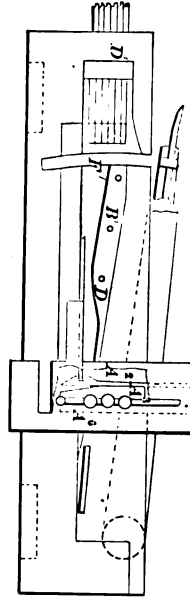
**78168—Willard & Adams—Treating Metals.**



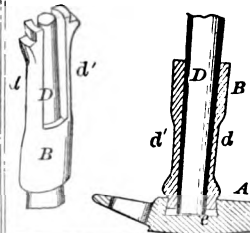
**78169—L. Woodworth—Horse Hay Fork.**



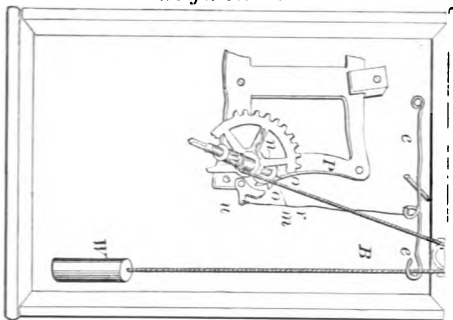
**78163—W. Webster—Weaving Pile Fabric.**



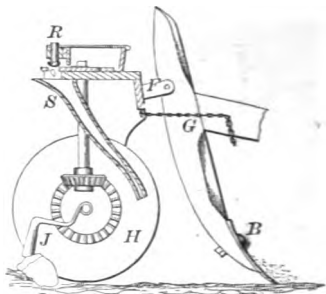
**78164—D. Weiser—Hammer Handle.**



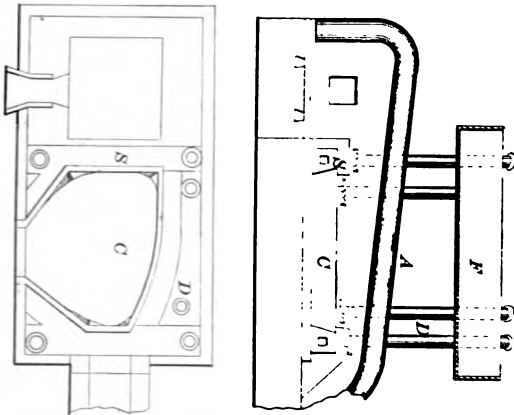
**78170—O. H. Woodworth—Winding Stop for Weight Clocks.**



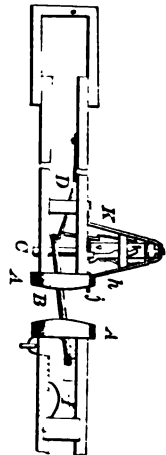
**78171—Wright & Penny—Corn Planter.**



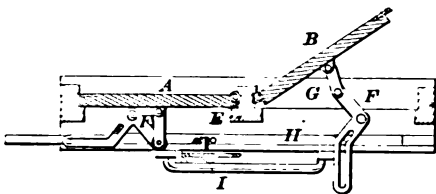
**78172—J. Zimmer—Furnace for Puddling Iron.**



**78173—J. W. Adams—Car Coupling.**



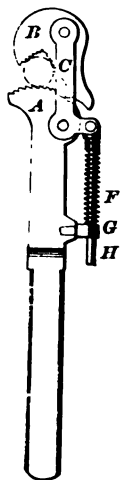
**78174—M. C. Andrews—Car Ventilator.**



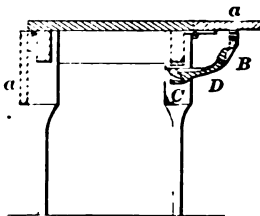
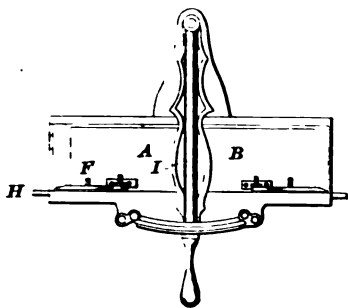
**78175—W. F. Arnold—Lock Snap Hook.**



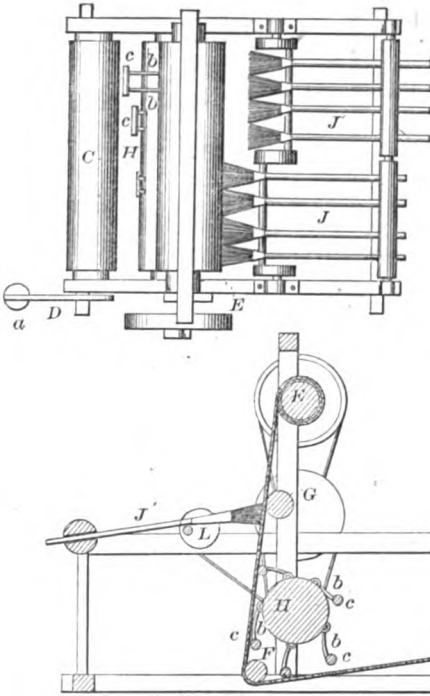
**78176—J. B. Barnes—Wrench.**



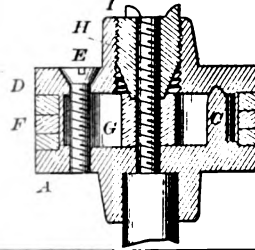
**78177—E. E. Berry—Table Leaf Support.**



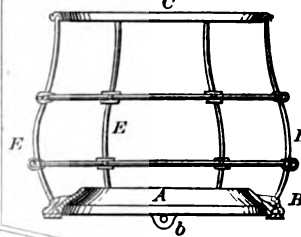
78178—G. W. Bishop—Carpet Cleaning Machine.



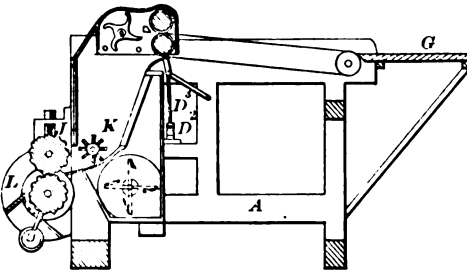
78179—C. Bollinger—Steam Engine Piston.



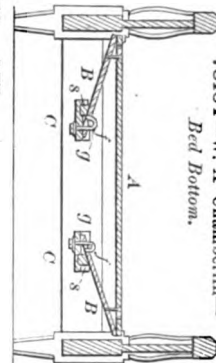
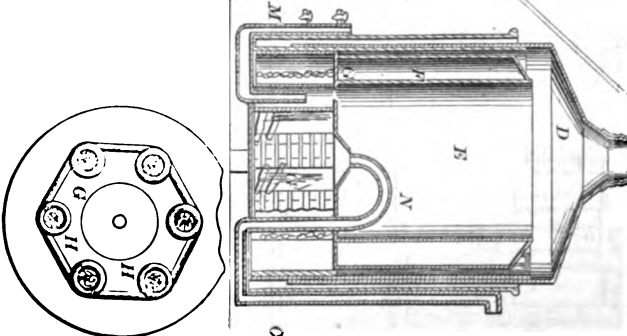
78180—T. H. Brady—Lantern.



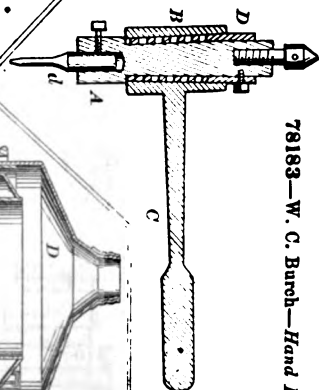
78181—C. Brown—Straw Cutting Machine.



78185—C. H. Childs—Gas Apparatus.



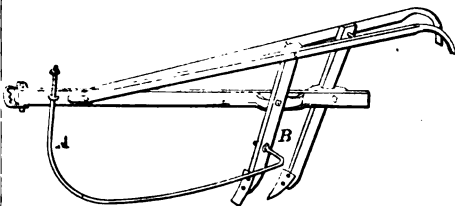
78184—W. A. Chamberlin—  
Bed Bottom.



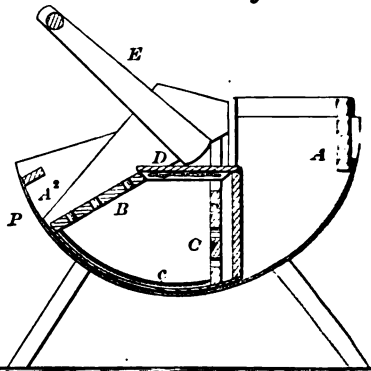
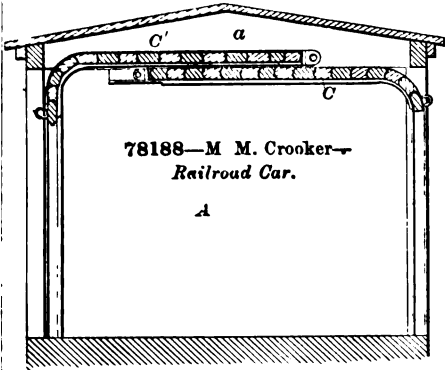
78183—W. C. Burch—Hand Drill.



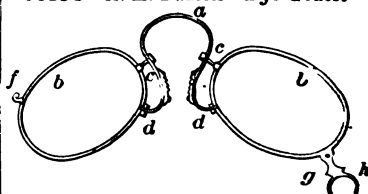
78186—C. A. Cogswell—Cultivator.



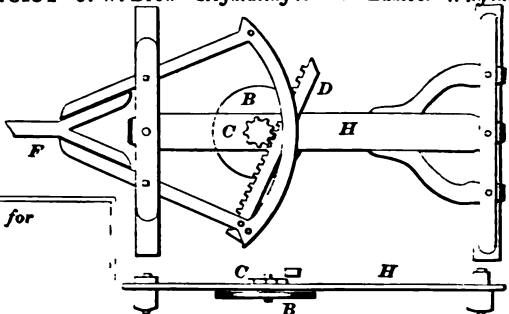
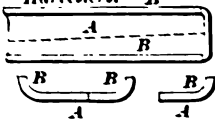
78187—T. Crane—Washing Machine.

78188—M. M. Crooker—  
Railroad Car.

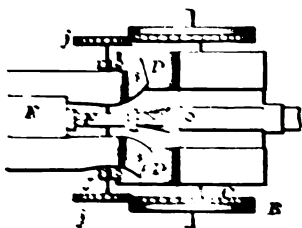
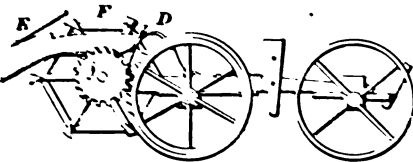
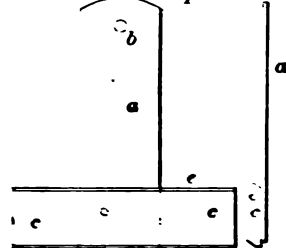
78190—A. H. Daniels—Eye Glass.



78194—J. W. Drew—Regulating common Lumber Wagons.

78196—R. Dutton—Finger Bars for  
Harvesters. B

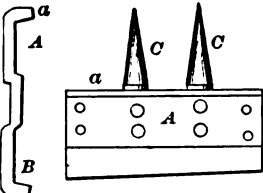
78198—T. B. Fagan—Ditching Machine.

78192—C. B. Dickinson—Arm Rest and  
Paper Cutter.

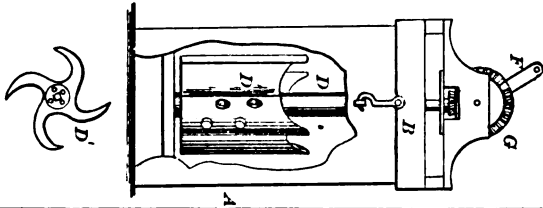
78193—C. F. Dodge—Sash Supporter.



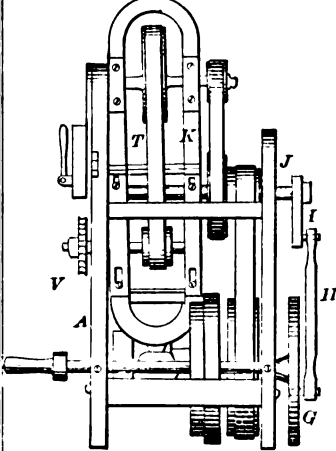
**78197**—R. Dutton—  
*Constructing Finger Bars  
for Harvesters.*



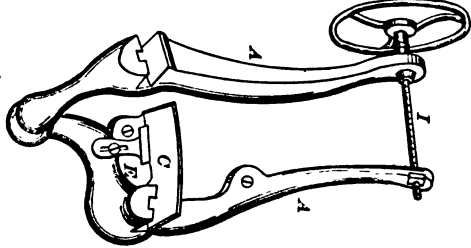
**78199**—J. H. Fleming—*Churn.*



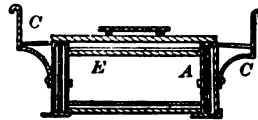
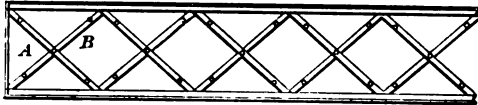
**78200**—J. Flory—*For Rounding  
Slate Frame Corners.*



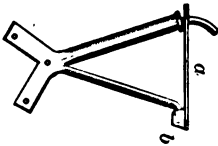
**78201**—A. H. Ford—*For Upsetting Tires.*



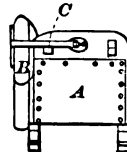
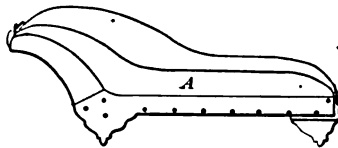
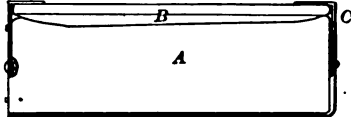
**78202**—E. Hamilton—*Bridge.*



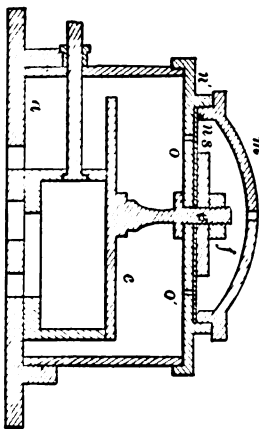
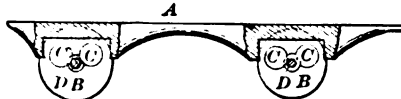
**78203**—G. D. Hart—*Cultivator.*



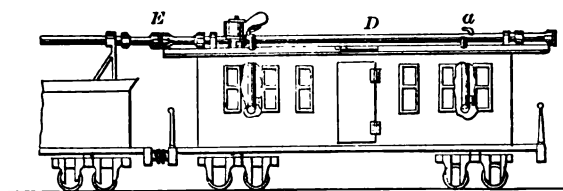
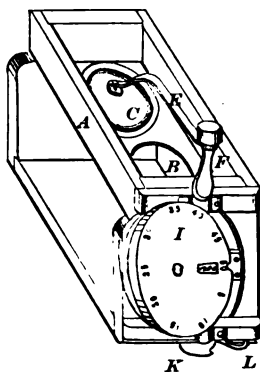
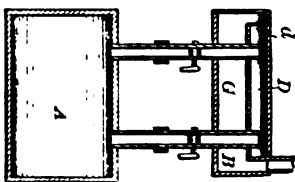
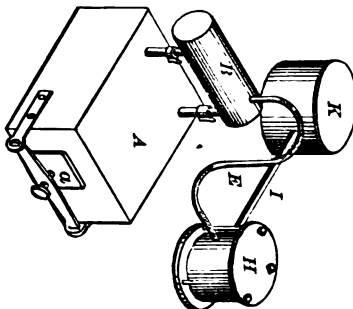
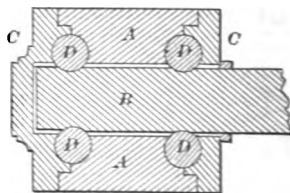
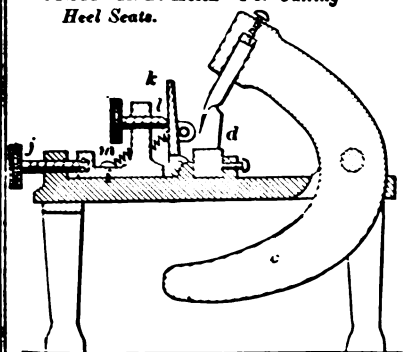
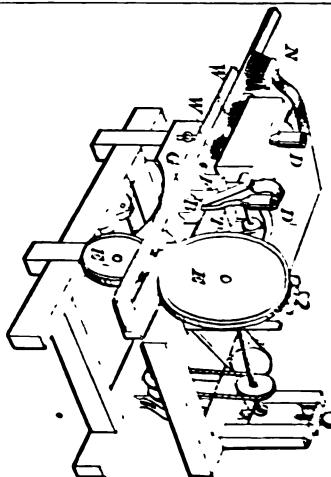
**78204**—W. C. Hart—*Lounge.*



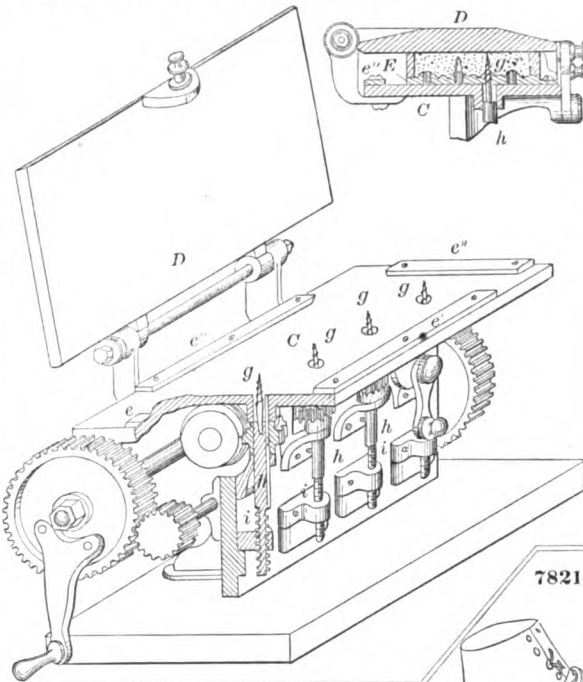
**78207**—R. Hewson—*Parlor Skate.*



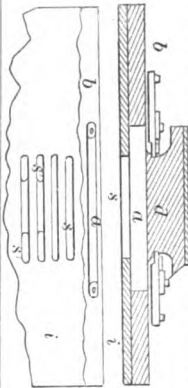
**78205**—J. Hemphill—*Slide Valve.*

**78206—Hencage & Breed—Railroad Car Ventilator.****78208—S. Hudson—Grain Register.****78209—D. H. Ireland—Manufacture of Coal Gas.****78210—D. Jewett—Axle Box for Railroad Cars.****78211—A. B. Keith—For Cutting Heel Seats.****78213—J. Le Ferre—Forming Carriage Axles.****78215—J. S. Loomis—For Polishing Wood.**

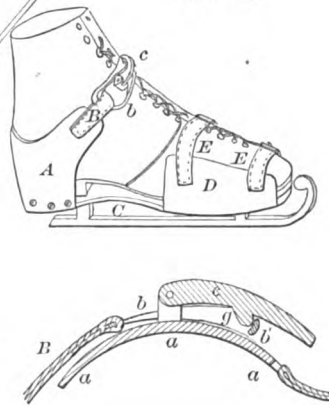
78212—E. H. Keith—For Moulding Wood Screws.



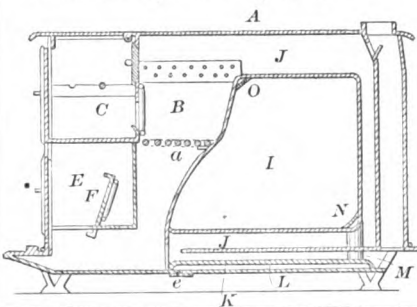
78219—D. Marshall—Socket Board for Reed Instruments.



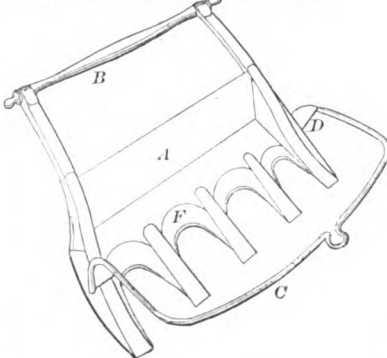
78216—H. B. Lucas—Skate Fastening.



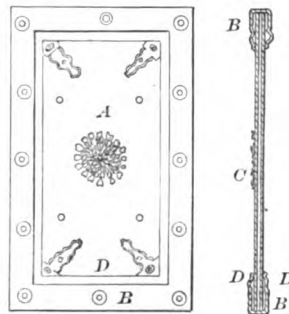
78217—J. Magee—Cooking Stove.



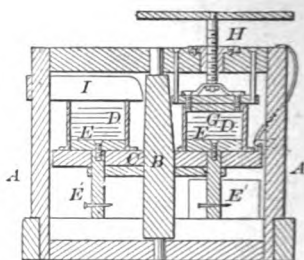
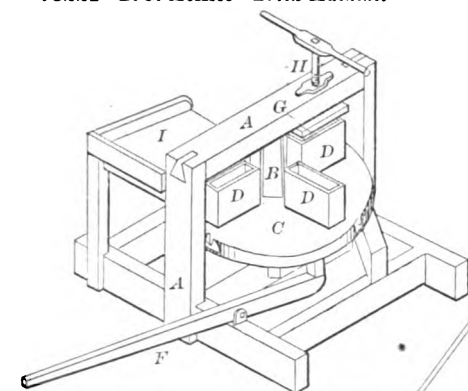
78220—N. & A. Maybee—Scraper.



78218—C. K. Marshall—Metallic Door.



78221—B. J. McAfee—Brick Machine.



78222—W. McAllister—For Printing Yarn.

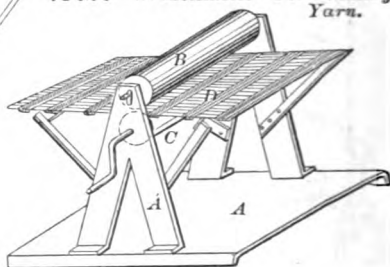
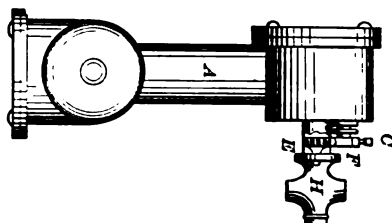
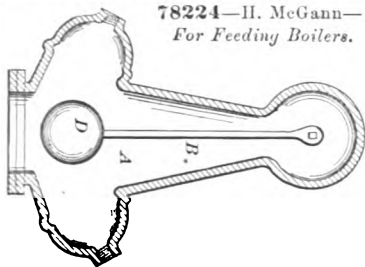
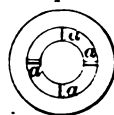
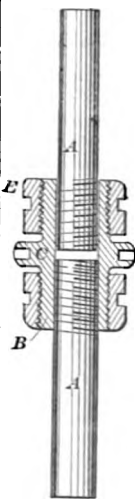
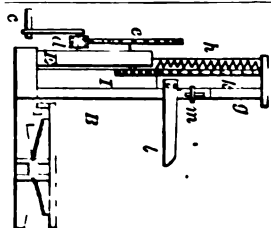
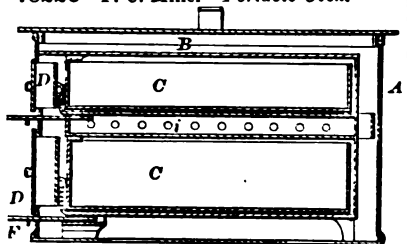
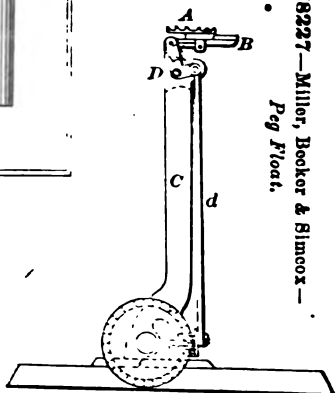
78224—H. McGann—  
For Feeding Boilers.78223—S. B. McCracken—  
Spring Bed Bottom.

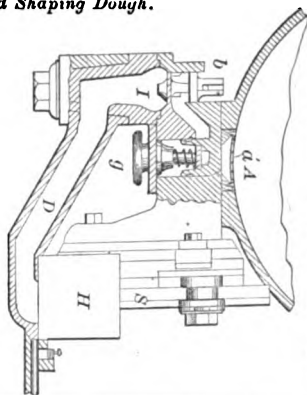
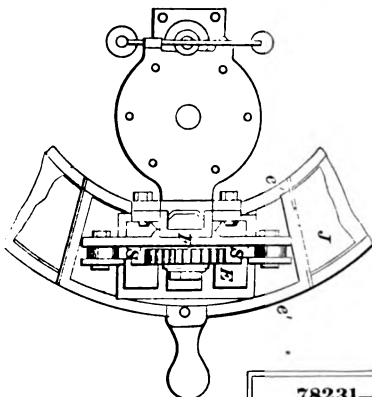
Fig. 3

78225—A. H. Merriman—  
Press Spindle Adjustment.

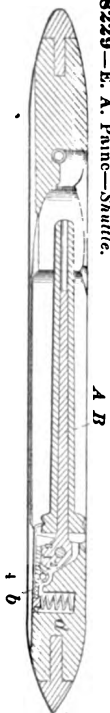
78226—F. C. Miller—Portable Oven.

78228—Morris & Sawyer—  
Cheese Cutter.78227—Miller, Becker & Simcox—  
Peg Float.

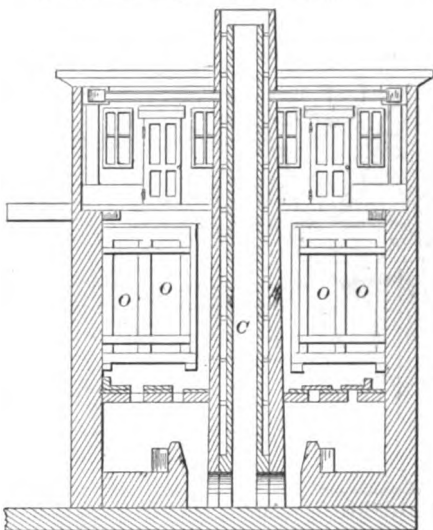
78232—J. Perry—For Expanding and Shaping Dough.



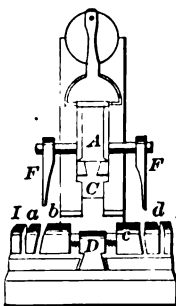
78229—E. A. Paine—Shuttle.



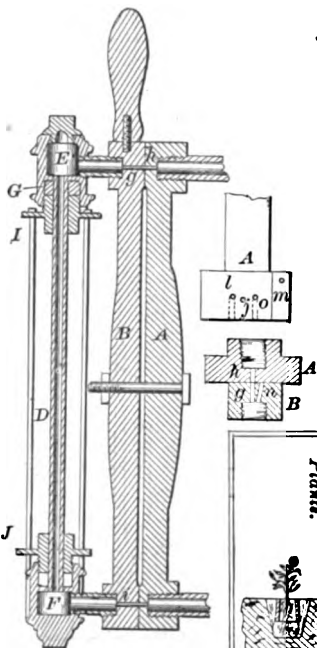
78231—J. Perry—Oven and Bath.



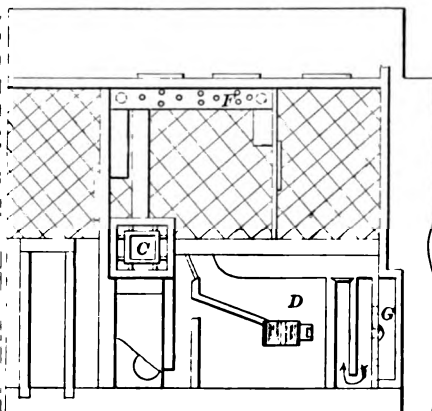
78230—J. Palmer—Welding the Ends of Elliptic Springs.



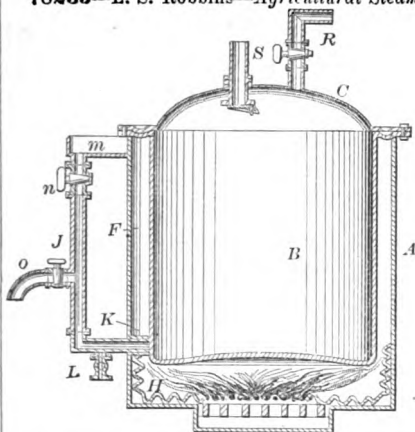
78234—C. L. Ridgway—Water Gauge for Steam Boilers.



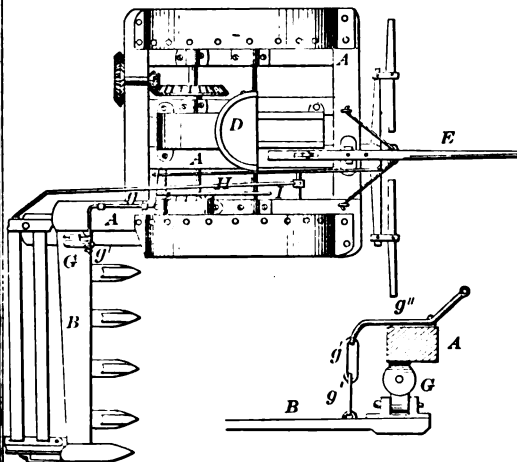
78233—P. Poullain—Cultivation of Plants.



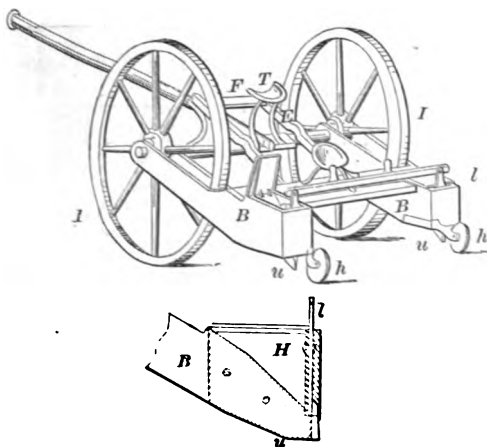
78235—L. S. Robbins—Agricultural Steam Boiler.



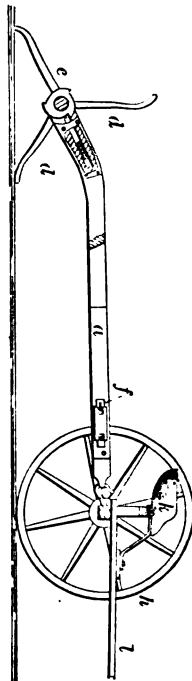
78236—S. Rockafellow—Harvester.



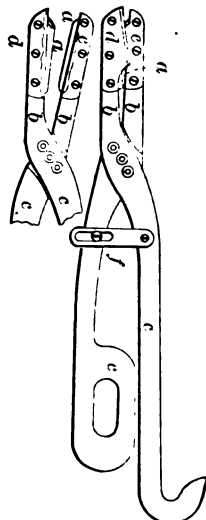
78237—O. Sampson—Corn Planter.



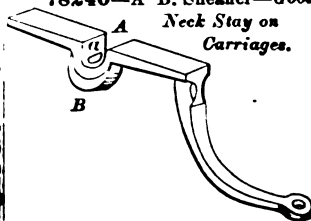
78239—J. Seely—Horse Rake.



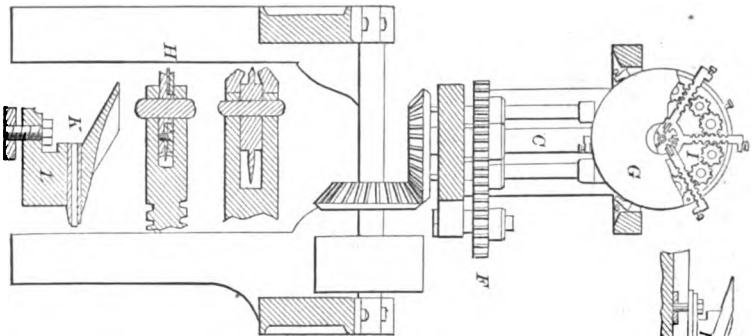
78241—J. F. Single—For Harvesting Grapes.



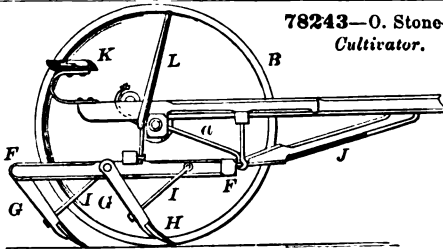
78240—A. B. Sheaffer—Goose Neck Stay on Carriages.



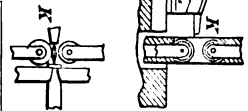
78238—S. Sawyer—Rattan Machine.



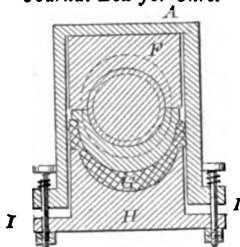
78243—O. Stone—Cultivator.



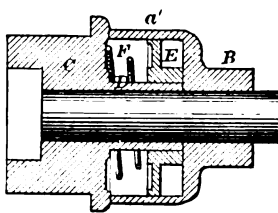
78242—G. H. Spaulding—For Moulding Collars.



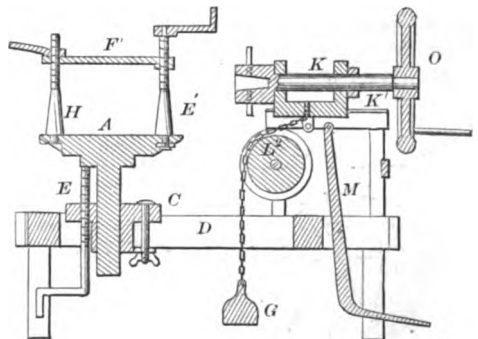
78244—M. Thornton—Journal Box for Cars.



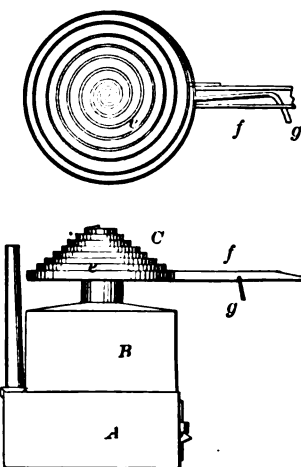
78245—G. Weiland—Harvester.



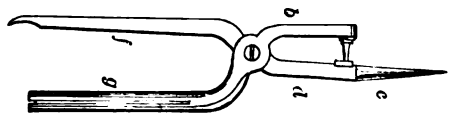
78246—J. Wharff—For Boring Hubs.



78247—Whisler & Berry—Still.

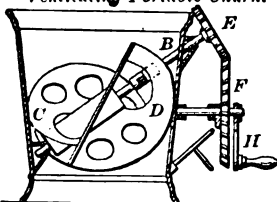


78248—E. F. Wilder—Implement.

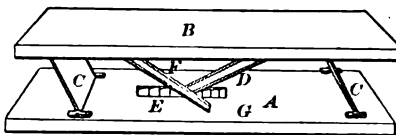




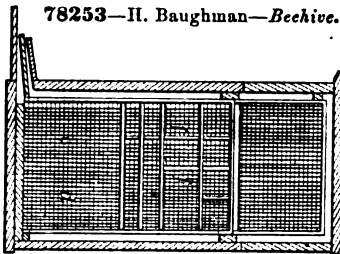
**78249**—E. P. Williams—*Ventilating Portable Churn.*



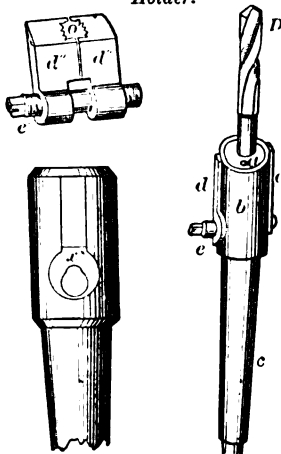
**78250**—J. B. Withoy—*Penman's Arm Rest.*



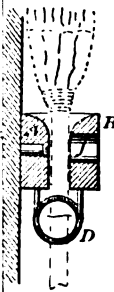
**78253**—H. Baughman—*Beehive.*



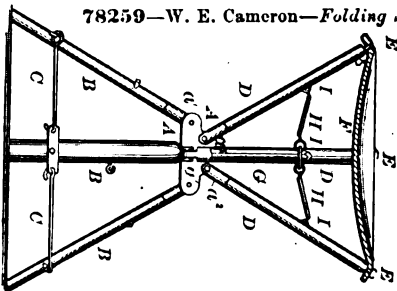
**78251**—T. K. Bacon—*Drill Holder.*



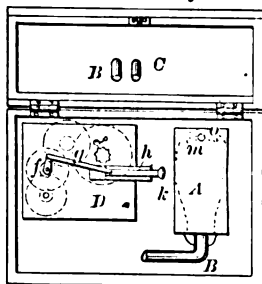
**78252**—F. B. Batchelder—*Broom Holder.*



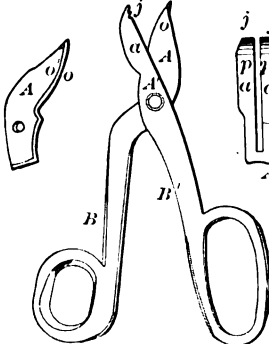
**78259**—W. E. Cameron—*Folding Stool.*



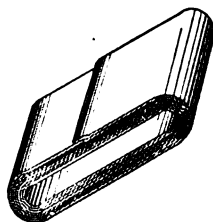
**78254**—J. W. Boughton—*Tobacconist's Sign.*



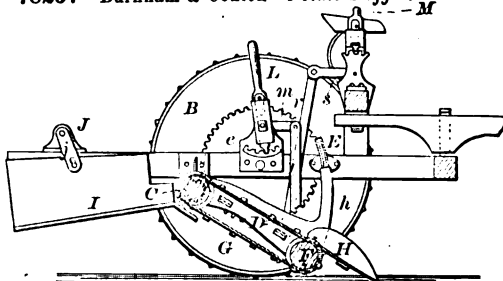
**78255**—Buell & Root—*Shears.*



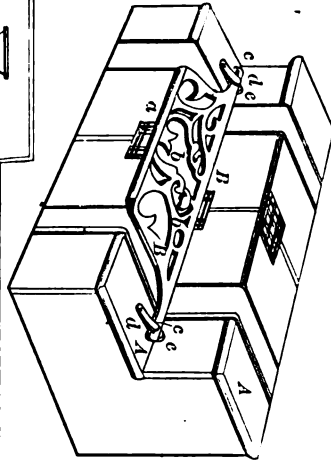
**78260**—E. M. Chaffee—*Gutta Percha Hose.*



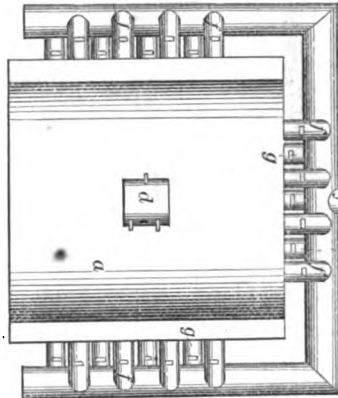
**78257**—Burnham & Conlon—*Potato Digger.*



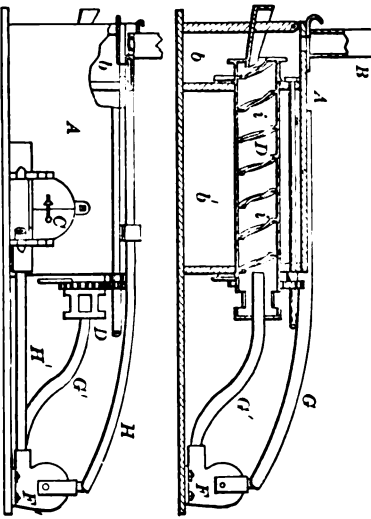
**78263**—J. Conner, Jr.—*Stair Carpet Fastener and Protector.*



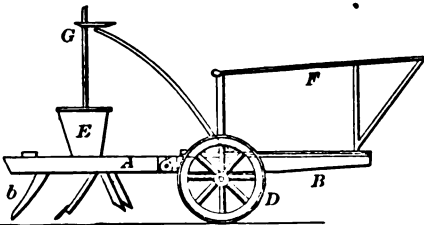
**78264**—Converse & Alherton—*Manufacture of Pyrolygineous Acid.*



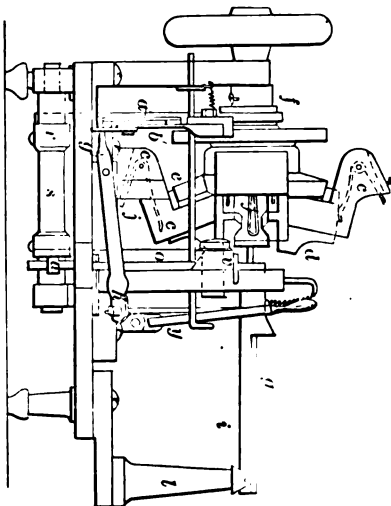
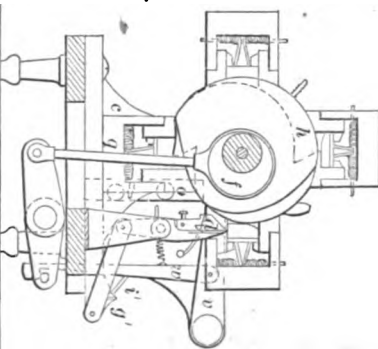
**78261**—Chenoweth & Baugh—*For Treating Oil.*

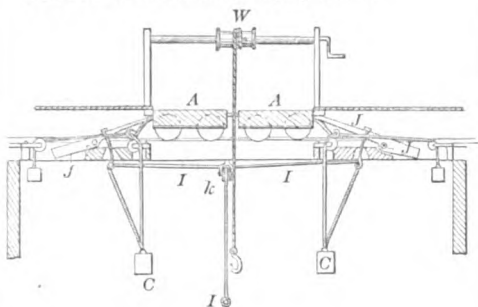
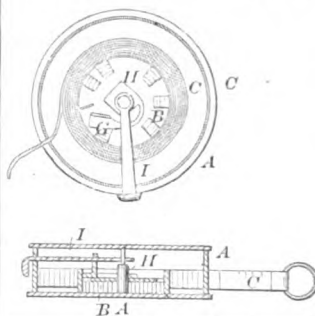
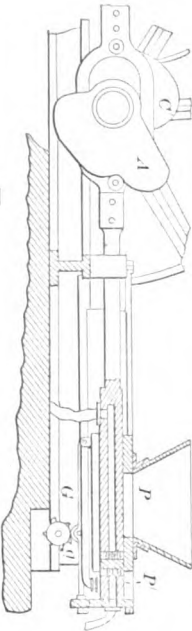
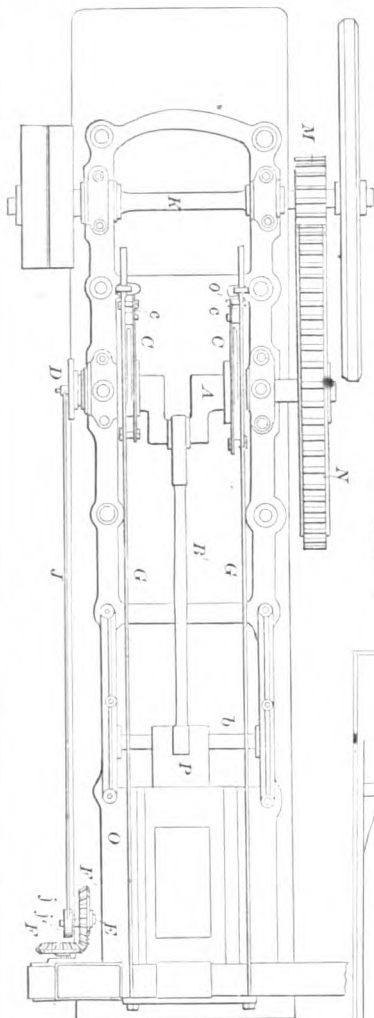
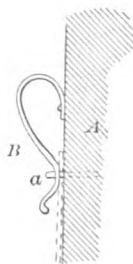
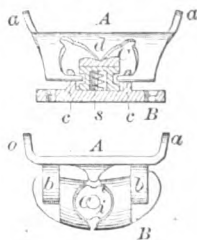
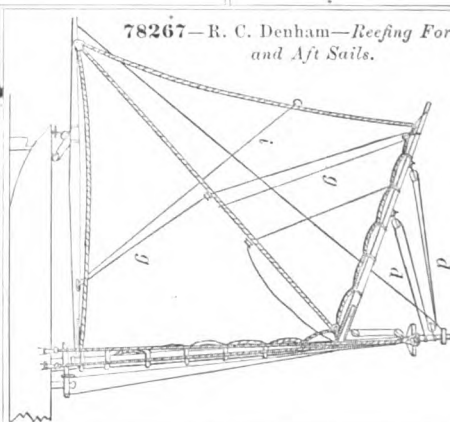


**78262**—W. R. Clark—*Corn Planter.*

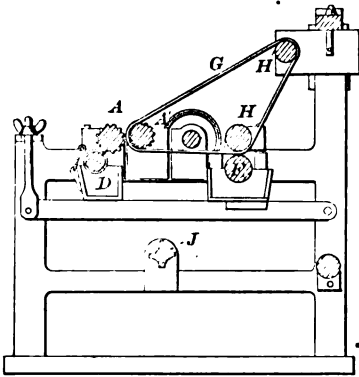


**78266**—W. H. Defrees—*Forging Machine.*

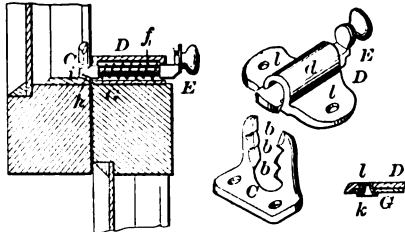


78265—G. N. Creamer—*Safety Hatch.*78272—A. J. Fellows—*Tape Box.*78268—F. Durand—*Brick Machine.*78271—A. H. Fatzinger—*Paper Clip.*78270—G. W. Farley—*Ice Calk.*78267—R. C. Denham—*Reefing Fore and Aft Sails.*

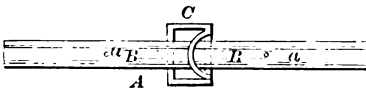
78273—J. Foster—For Printing Yarn.



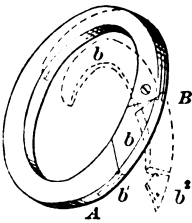
78274—O. S. Garretson—Sash Fastening.



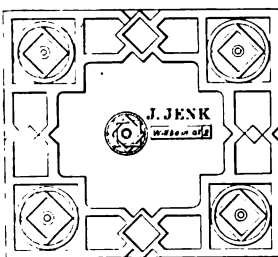
78277—M. Gumfory—Trace Tug Loop.



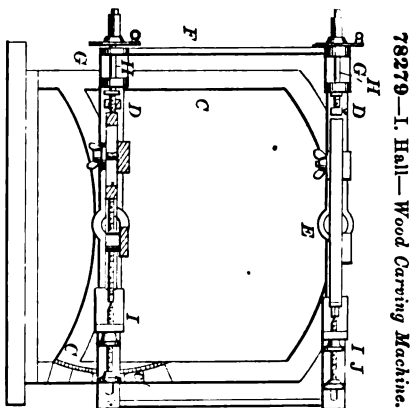
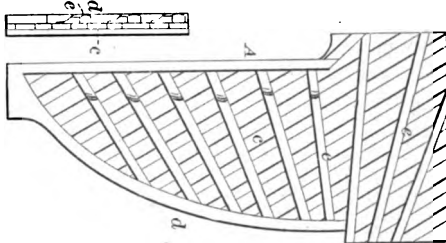
78275—A. Goodhart—Link.



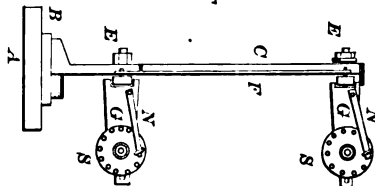
78278—A. Hadley—Door Indicator.



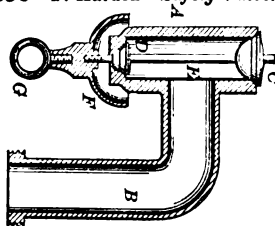
78276—G. M. Guild—Piano Sounding Board.



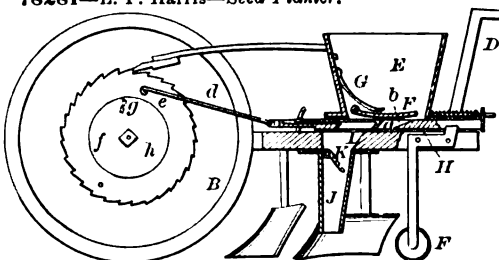
78279—L. Hall—Wood Carving Machine.



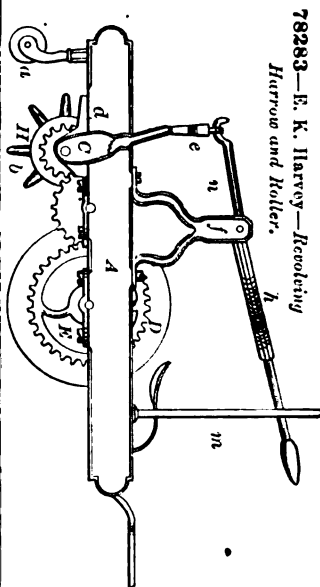
78280—F. Harden—Safety Valve.



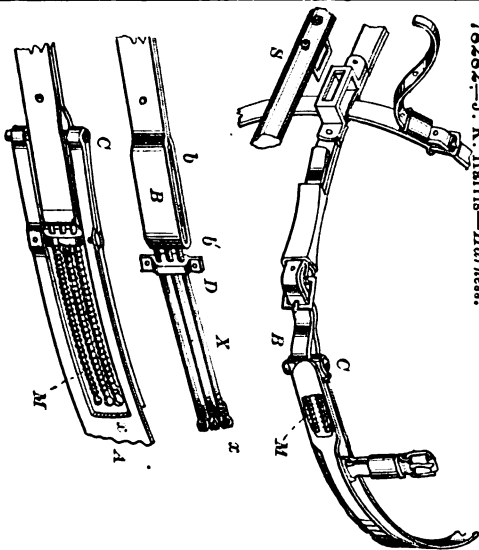
78281—E. P. Harris—Seed Planter.



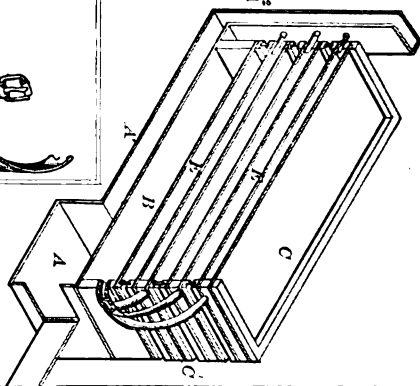
78283—E. K. Harvey—Revolving Harrow and Roller.



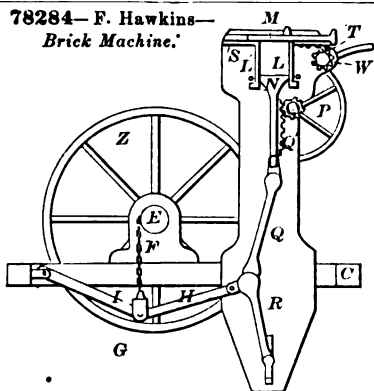
78282—J. K. Harris—Harness.



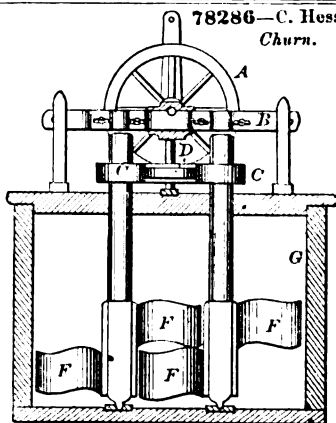
78285—H. Henley—Dryer.



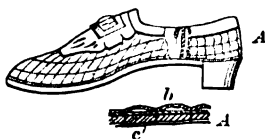
78284—F. Hawkins—Brick Machine.



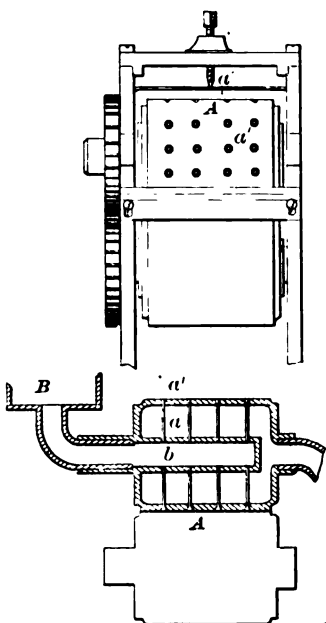
78286—C. Hess—Churn.



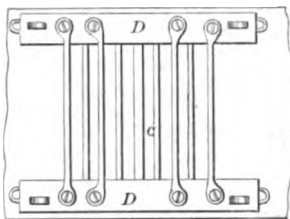
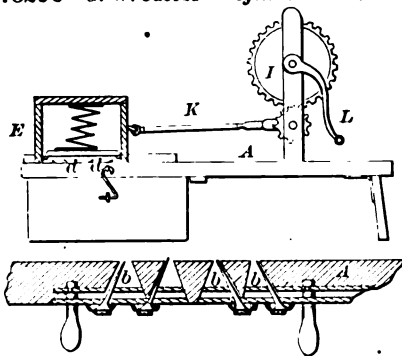
78287—M. L. Hill—Shoe.



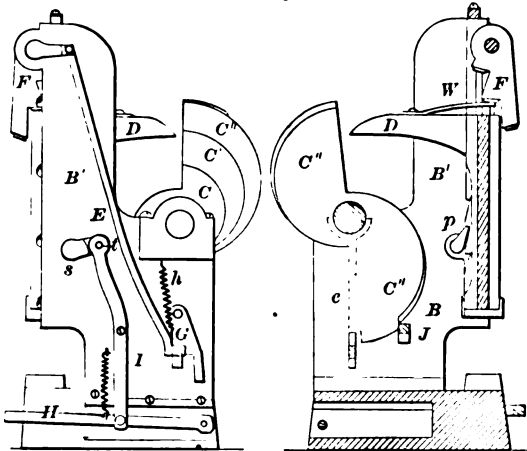
78288—C. Holliday—*For Printing on Fabrics.*



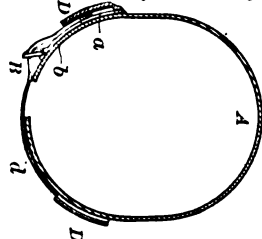
78290—G. W. Jacobs—*Vegetable Slicer.*



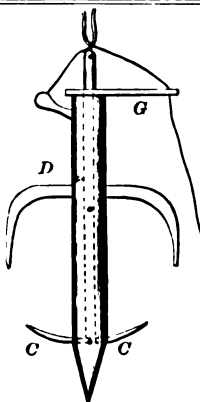
78291—T. P. Keeler—*Adjustable Hammer and Drop.*



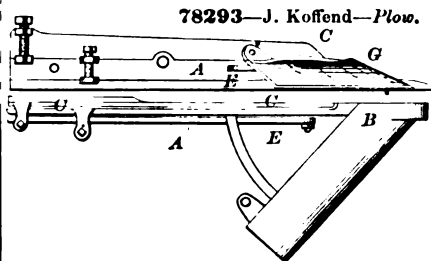
78289—S. Hyde—*Surcingle.*



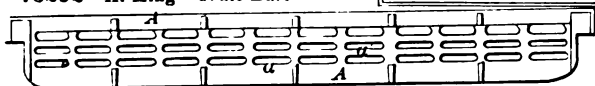
78294—H. Laird—*Horse Hay Fork.*



78293—J. Koffend—*Plow.*



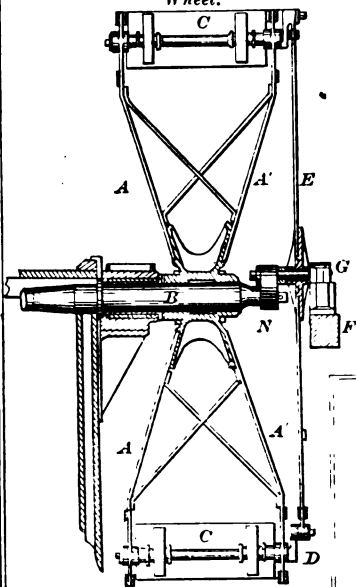
78292—H. King—*Grate Bar.*



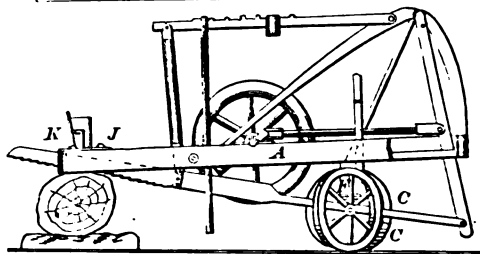
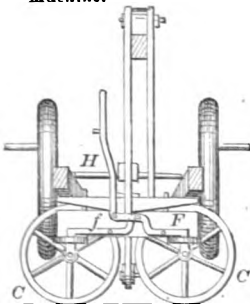
**78296**—E. Leigh—*Pronouncing Orthography.*

**rye head**

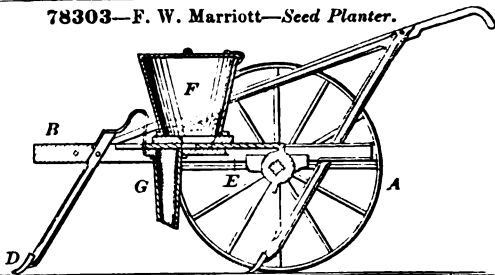
**78301**—W. R. Manley—*Paddle Wheel.*



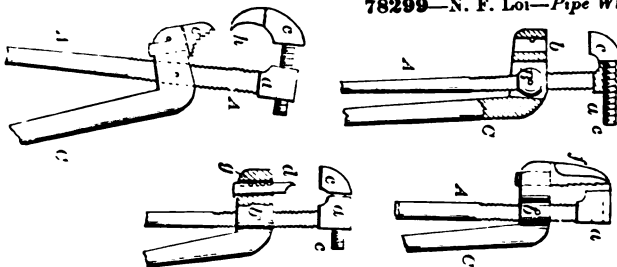
**78298**—J. R. Logan—*Sawing Machine.*



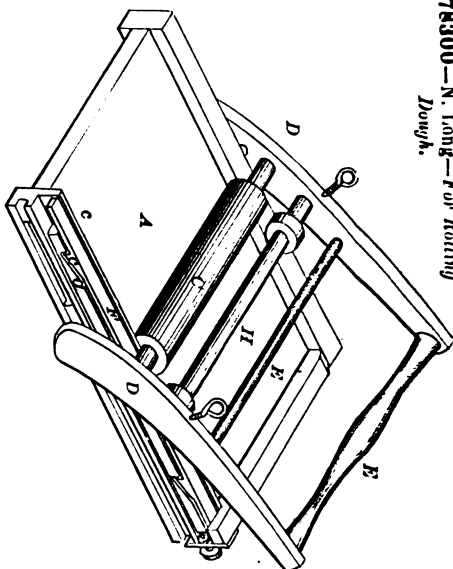
**78303**—F. W. Marriott—*Seed Planter.*



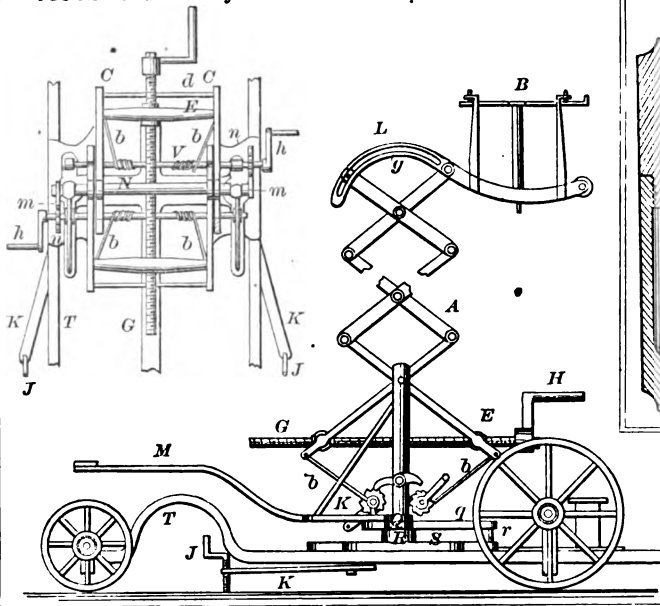
**78299**—N. F. Loi—*Pipe Wrench.*



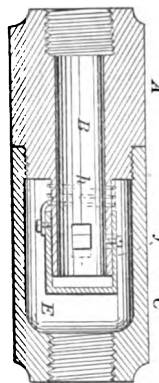
**78300**—N. Long—*For Rolling Dough.*



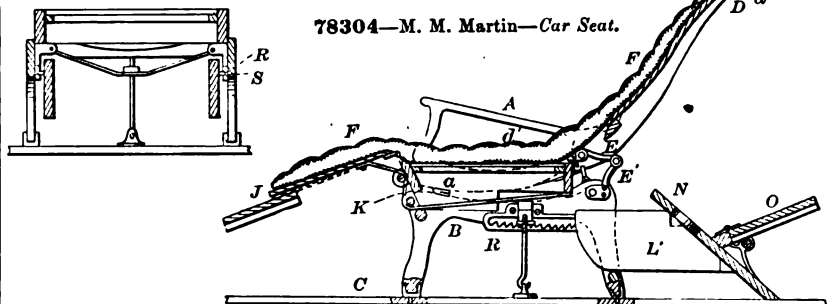
78302—T. F. Mantey—*Extension Ladder,*



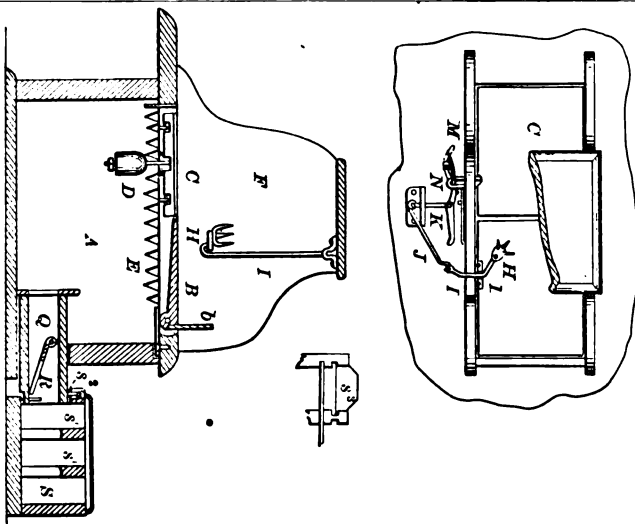
78305—S. F. Mathews—*Gas Regulator.*



78304—M. M. Martin—*Car Seat.*

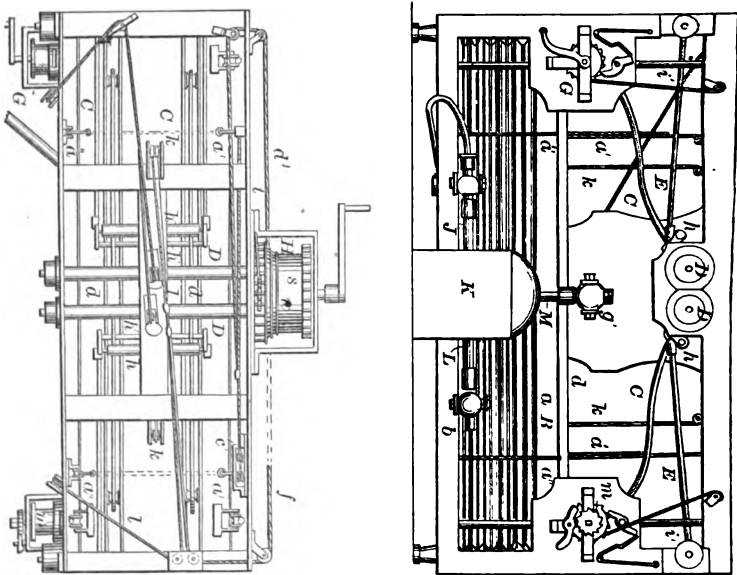
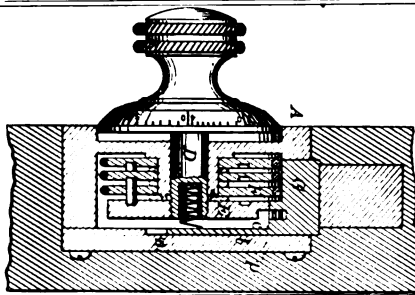


78306—J. C. McClamroch—*Animal Trap.*

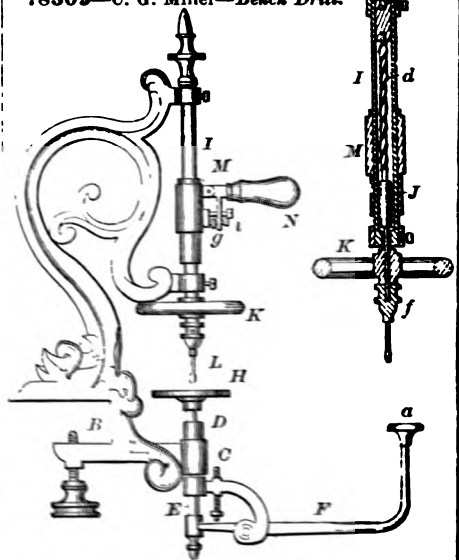




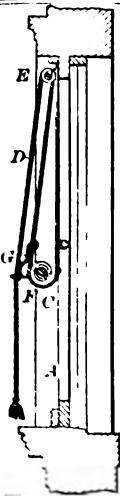
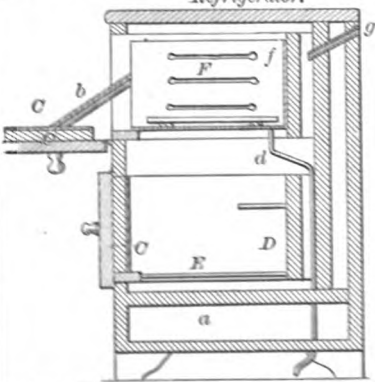
78307—J. McCleish—Gas Apparatus.

78310—D. K. Miller—  
Permutation Lock.

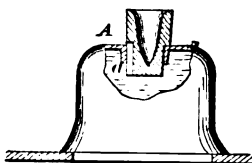
78309—C. G. Miller—Bench Drill.



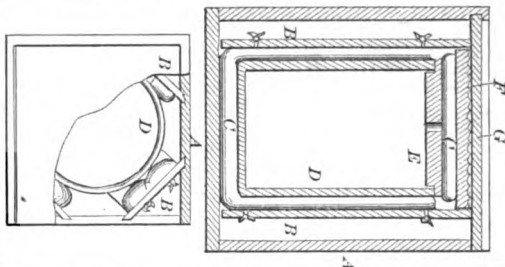
78311—J. B. Miller—Curtain Fixture.

78308—M. Meyers, Jr.—  
Refrigerator.

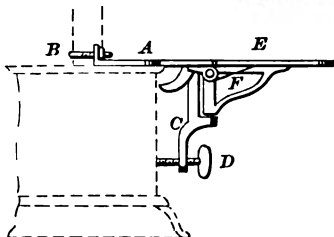
78312—G. Moebs—*Cigar Header.*



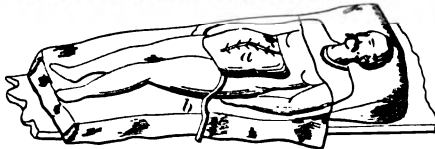
78316—M. H. Nichols—*Shipping Case.*



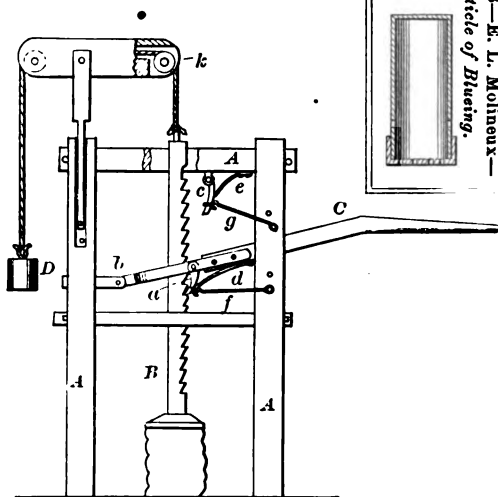
78315—B. Newbury—*Cooking Stove.*



78314—M. E. Mott—*Corpse Preserver.*



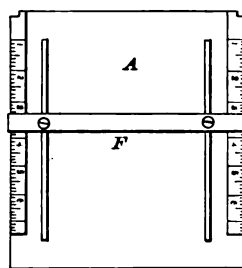
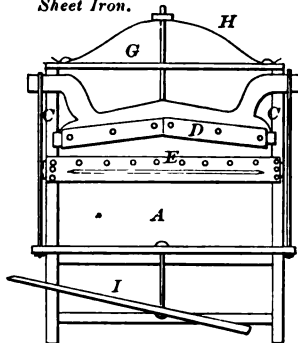
78318—B. S. Norris—*Press.*



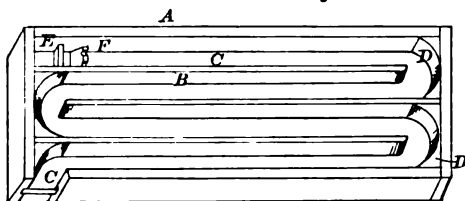
78313—E. L. Molinoux—*Article of Bluing.*



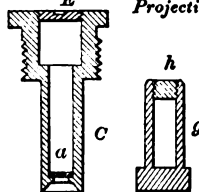
78319—J. B. Osier—*For Cutting Sheet Iron.*

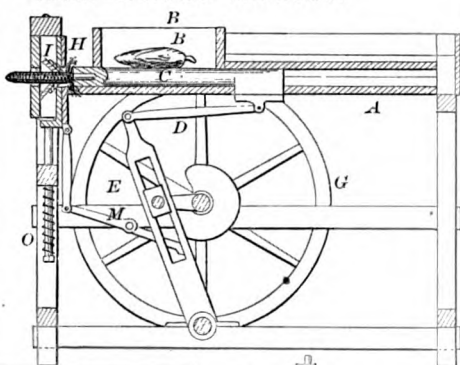
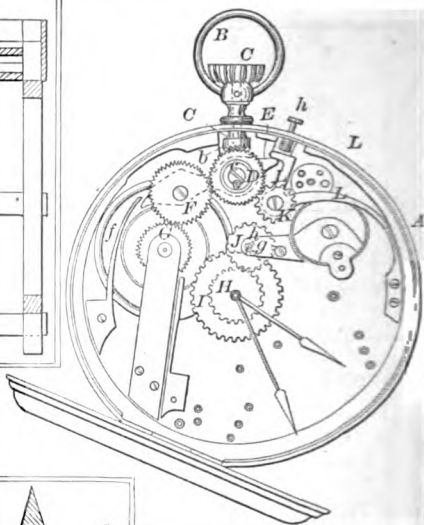
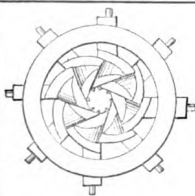
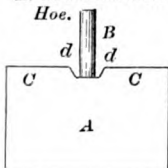
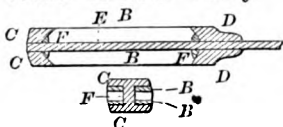
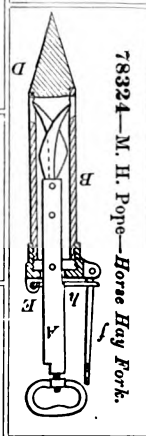
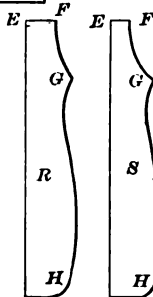
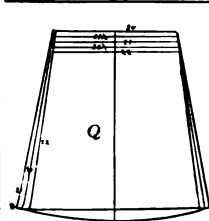
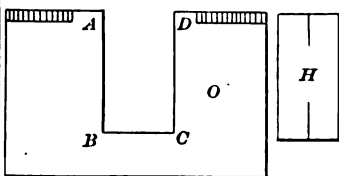
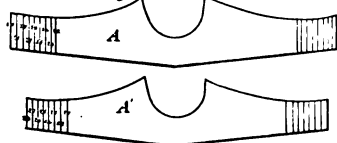
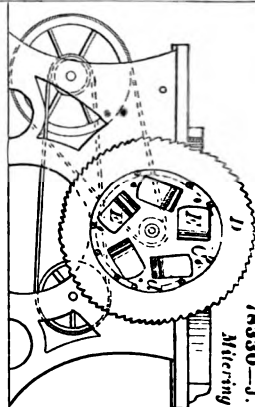
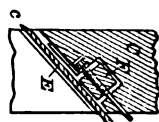
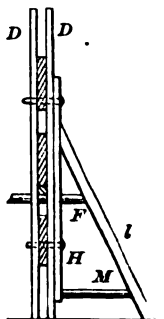
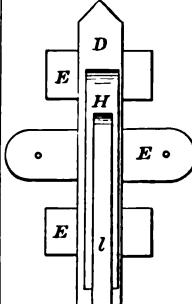


78320—J. A. Owens—*Starch Tray.*

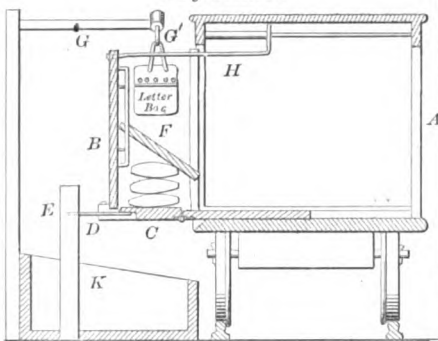


78322—Pertusset, Mundel & de Fléron—*For Igniting Explosive Projectiles.*

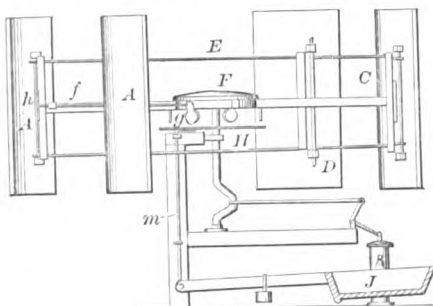


78321—T. Percival—*Corn Husker.*78323—L. V. Piquet—*Watch.*78326—  
L. T. Richardson—*Hoe.*78328—M. Rubel—*Cutlery.*78325—J. W. Rand—*Pattern for  
Cutting out Shirts.*78324—M. H. Pope—*Horse Hay Fork.*78330—J. J. Sanders—*Mitering Machine.*78329—R. Samuel—*Portable Fence.*

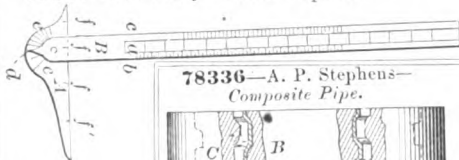
78331—W. G. Sanford—*Mail Car and Mail Bag Receiver.*



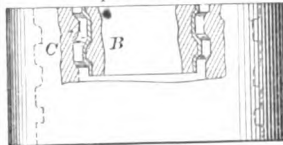
78333—Shaw & Tindall—*Wind Mill*.



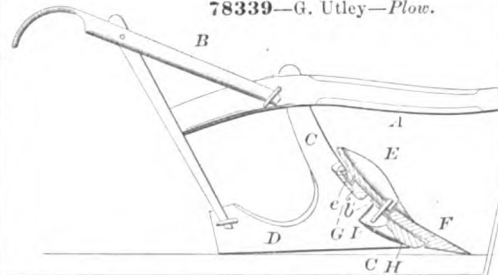
78338—D. Tierney—*Tailors' Square.*



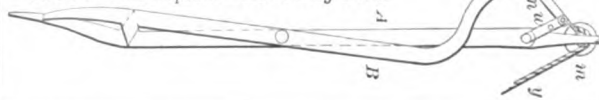
**78336**—A. P. Stephens—  
*Composite Pipe.*



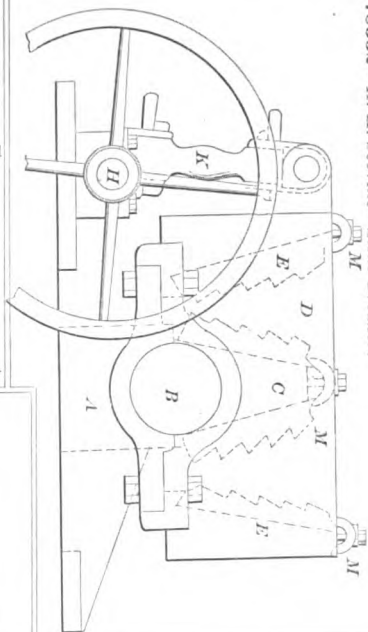
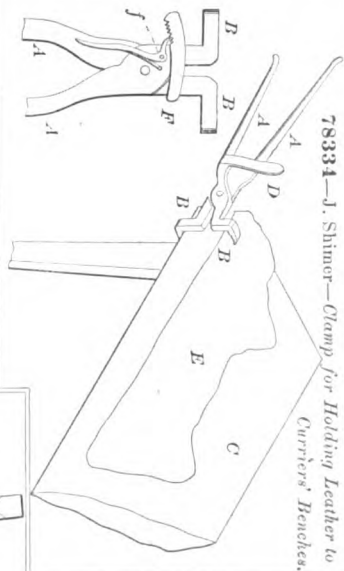
78339—G. Utley—*Plow*.



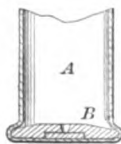
78335—A. B. Sprout—*Horse Hay Fork.*



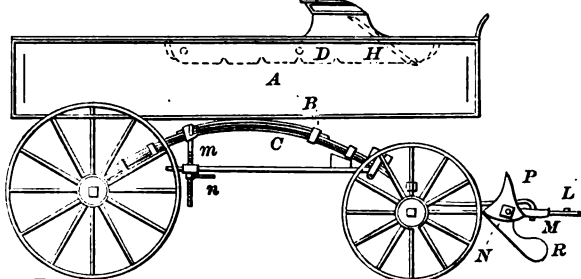
783332—H. H. Scoville—*Stone Breaker*.

783334—J. Shiner—*Clamp for Holding Leather to*

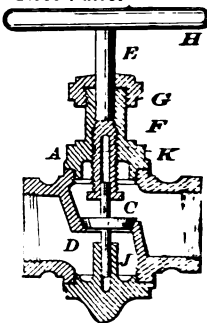
78337—W. Tibbals—  
*Priming Cartridges.*



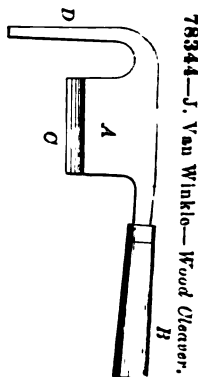
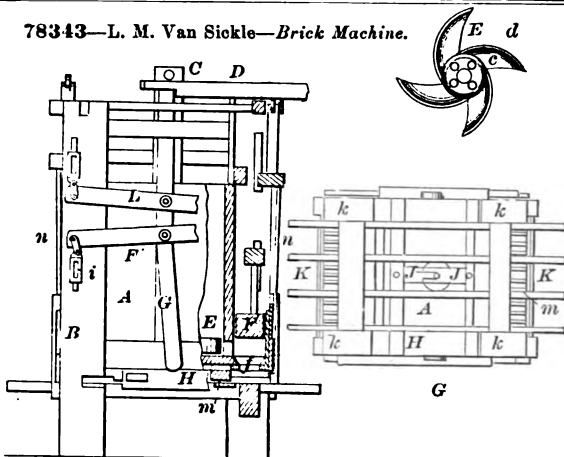
78340—J. D. Van Hovenbergh—Carriage.



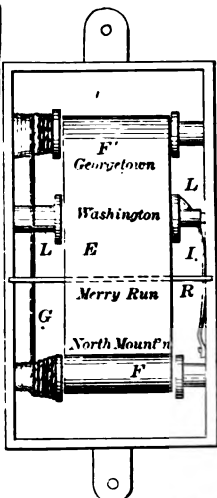
78342—J. B. T. Van Patten—Globe Valve.



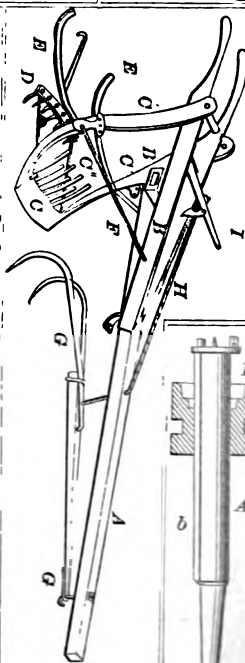
78343—L. M. Van Sickle—Brick Machine.



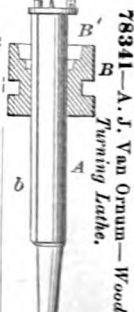
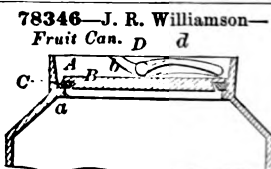
78344—J. Van Winkle—Wood Cleaner.



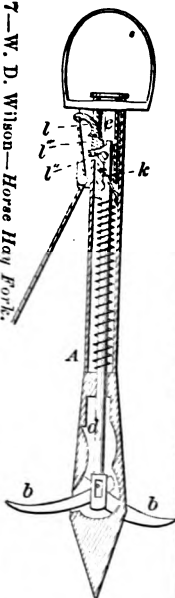
78345—G. Vowles—Potato Digger.



78346—J. R. Williamson—Fruit Can.



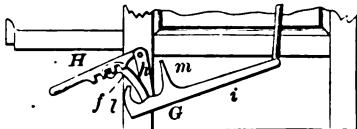
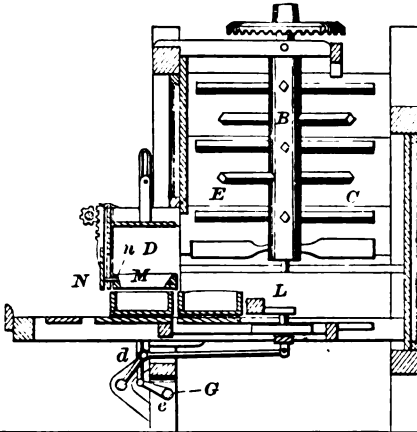
78347—W. D. Wilson—Horse Hay Fork.



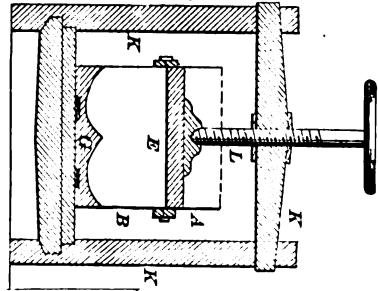
78348—J. F. Zaeharias—Railroad Station Indicator.

78349—A. J. Van Ornum—Wood Turning Lathe.

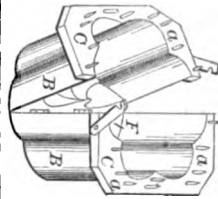
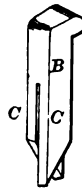
78348—J. S. Wood—Brick Machine.



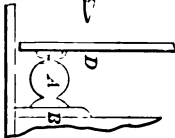
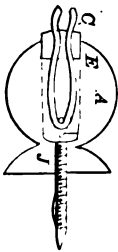
78350—C. F. Anthony—Hassock Machine.



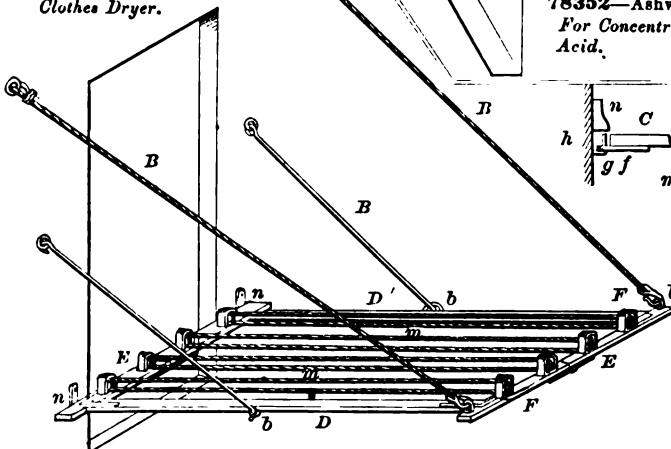
78354—J. Palmer—Spike.



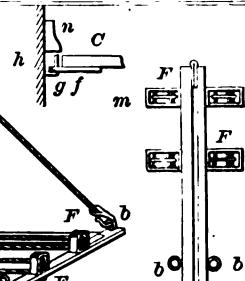
78355—C. W. Barnes—Spring Catch and Stop.



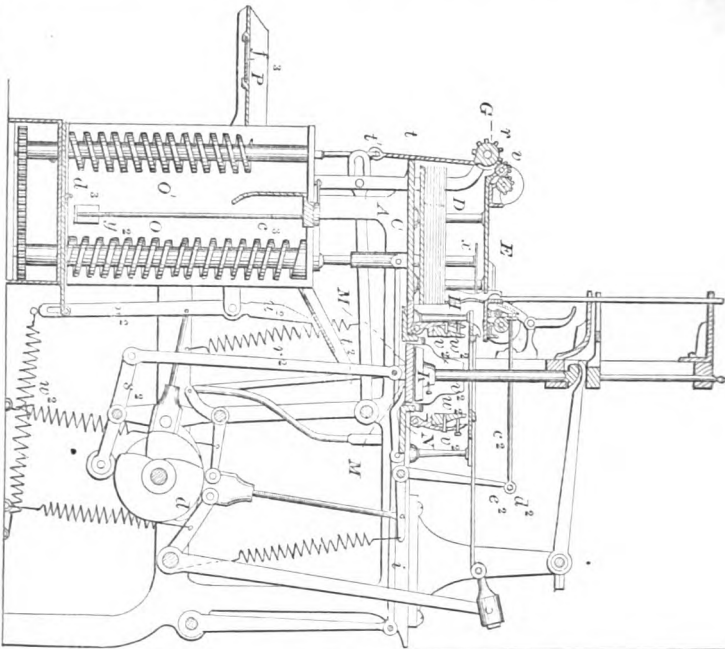
78351—W. Arroquier—Clothes Dryer.



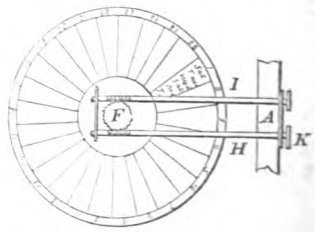
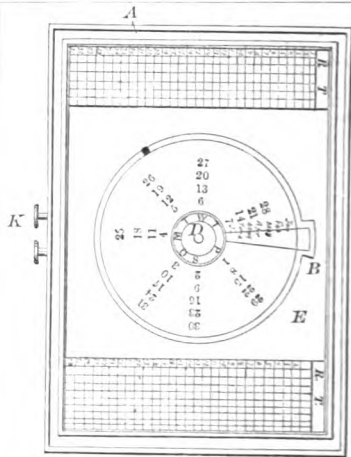
78352—Ashworth & Eaton—For Concentrating Sulphuric Acid.



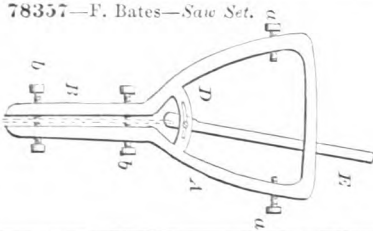
78353—J. Ball—*Envelope Machine.*



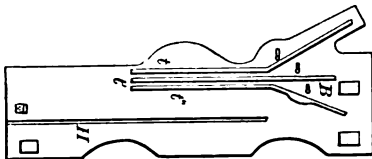
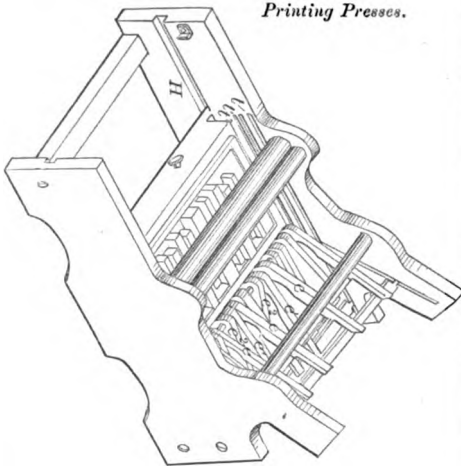
78356—8. L. Barindus—*Perpetual Calendar*.



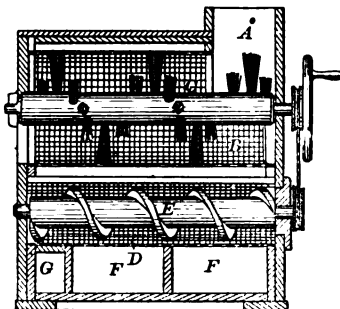
78357—F. Bates—*Saw Set.*



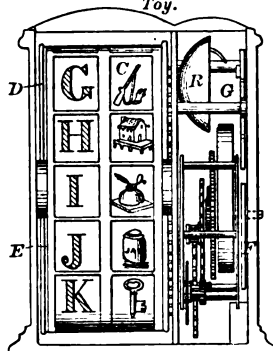
**78358**—T. L. Baylies—*Inking Apparatus for Printing Presses.*



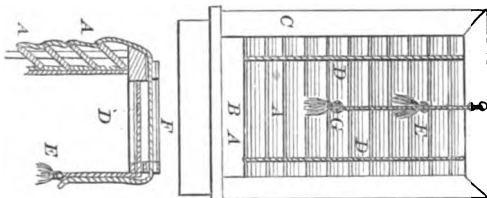
**78360**—Borgfeldt & Ritterhoff—*For Granulating Tobacco.*



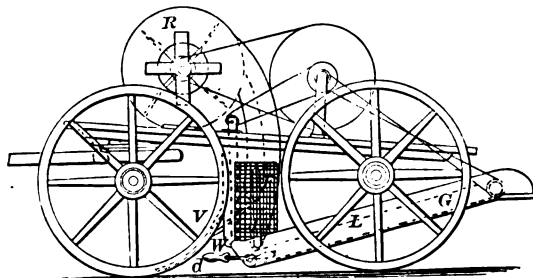
**78361**—R. J. Clay—*Alphabet Toy.*



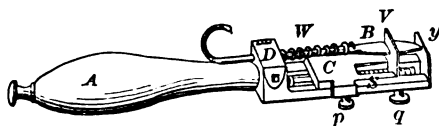
**78359**—Bellairs & Demott—*Window Blind.*



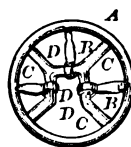
**78362**—R. F. Cooke—*Cotton Picker*



**78363**—W. De Camp—*Paring Knife for Boots and Shoes.*

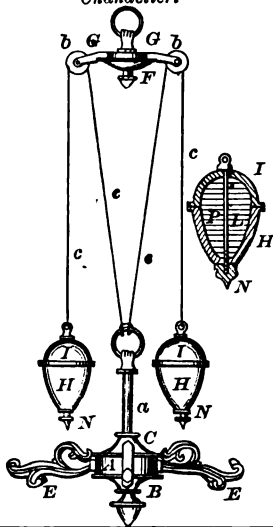


**78364**—P. S. Crawford—*Harness Buckle.*

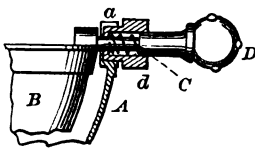




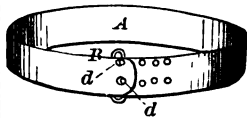
**78365—J. A. Evarts—**  
*Chandelier.*



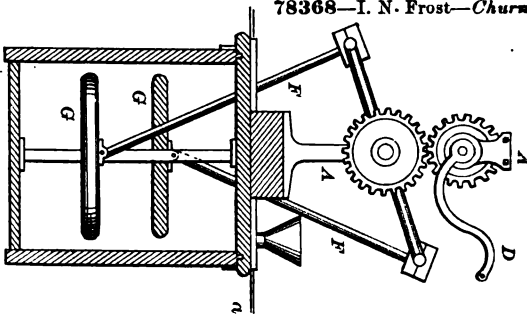
**78366—W. A. Fenn—**  
*Covered Dish.*



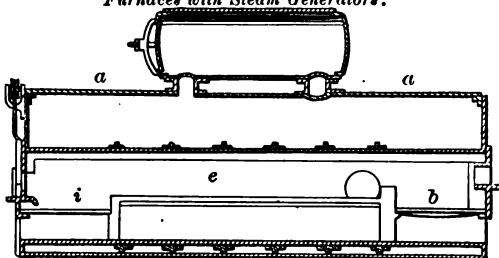
**78367—M. I. Findley—**  
*Waist Belt or Girdle.*



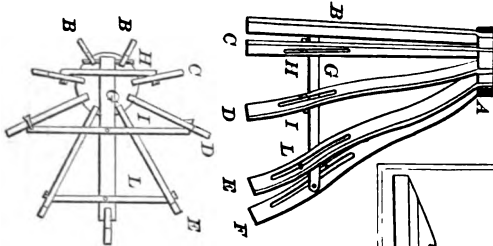
**78368—I. N. Frost—*Churn.***



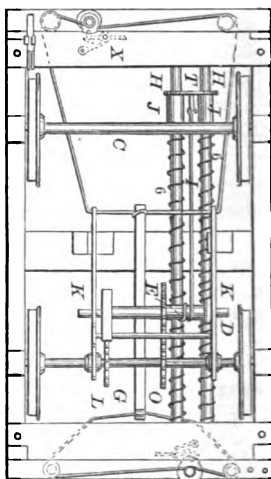
**78370—Hawksley & Wild—Combination of Puddling Furnaces with Steam Generators.**



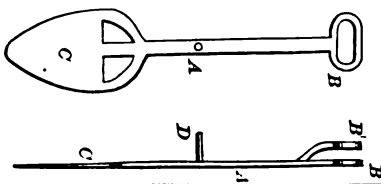
**78374—F. Hull—Skirt Former.**



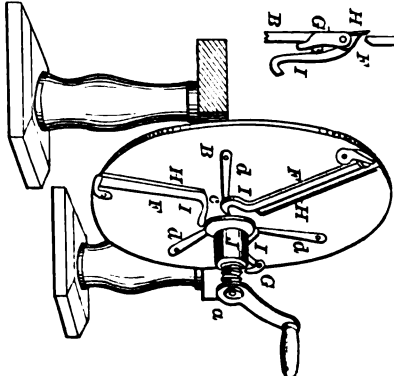
**78371—M. Henderson—*Car Brake and Starter.***



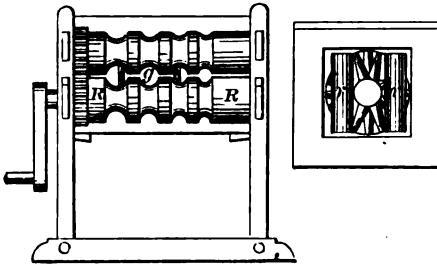
**78369—F. Gerfen—*Hay Cutter.***



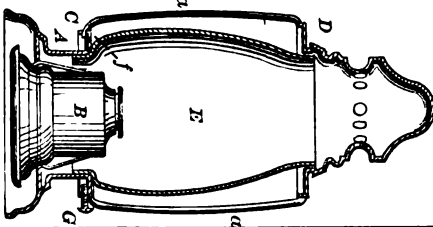
**78373—K. Holmes—Vegetable Slicer.**



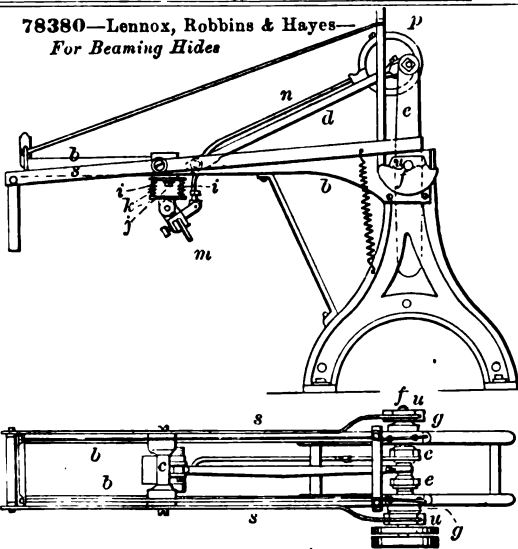
78376—J. A. Hunter—For Straightening Tobacco.



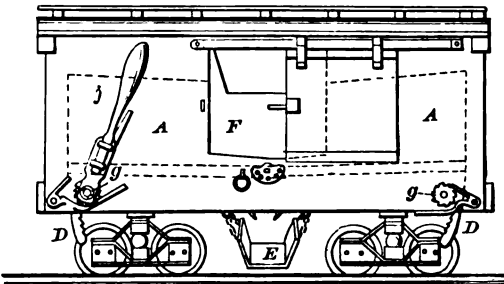
78378—T. Langston—Lantern.



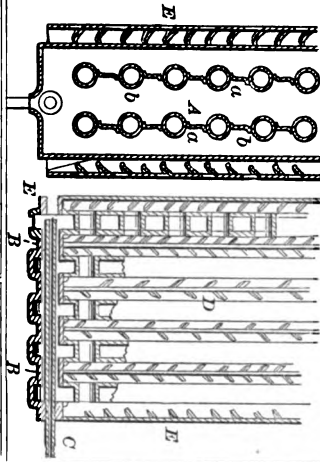
78380—Lennox, Robbins & Hayes—For Beaming Hides



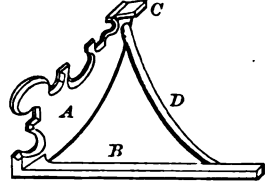
78383—Long & Lavey—Grain Car.



78377—Kessler & Carlisle—Steam Heater.



78381—A. Leverty—Running Cornice.



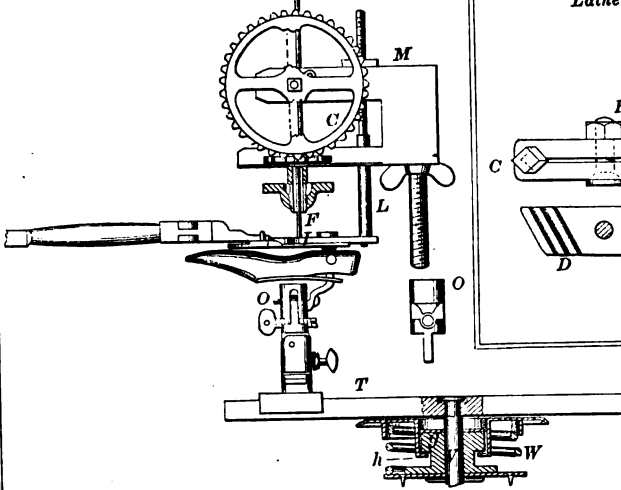
78382—W. Lindon—Watch Key.



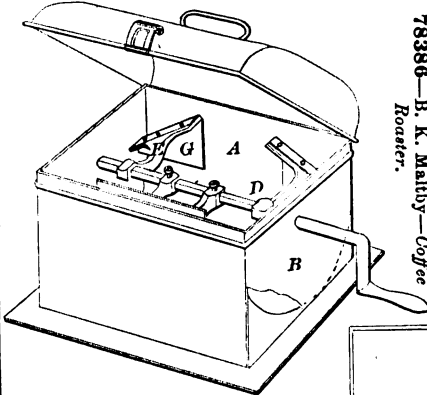
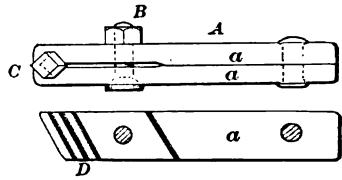
78384—R. O. Lowrey—Shoe.



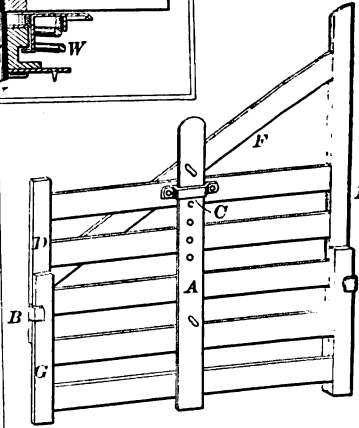
78385—N. Lumsden—Boots and Shoes.



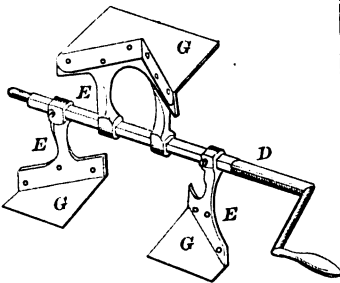
78387—J. P. Manton—Holder for Lathe Planers.



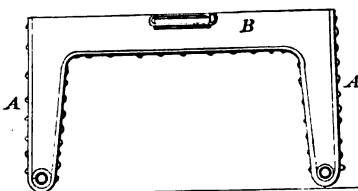
78386—B. K. Maltby—Coffee Roaster.



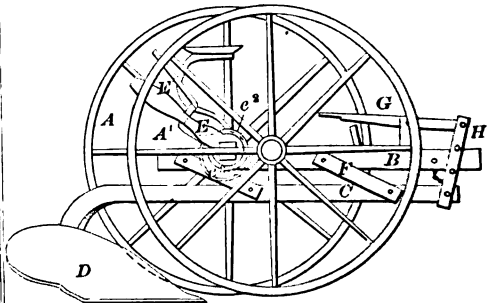
78389—L. Miller—Gate.



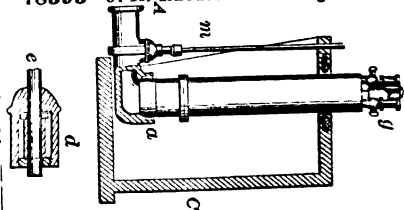
78391—G. L. Parker—Sap Boiler.



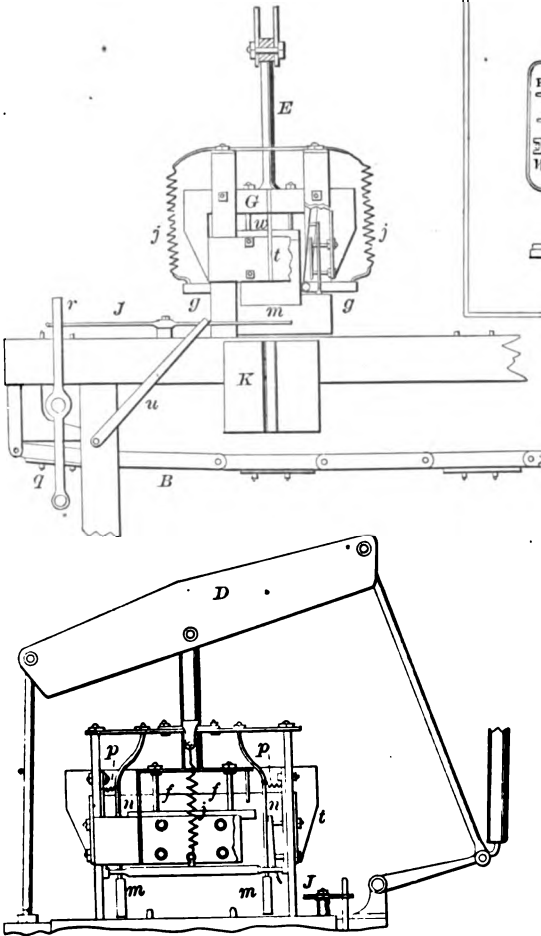
78390—H. W. Neal—Plow.



78393—J. H. Rhodes—Fire Plug.



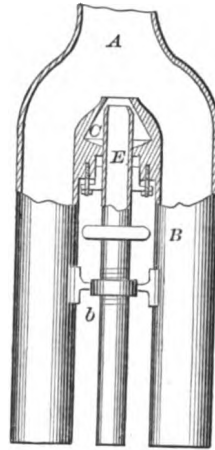
**78388—J. McNamara—For Dressing Brick.**



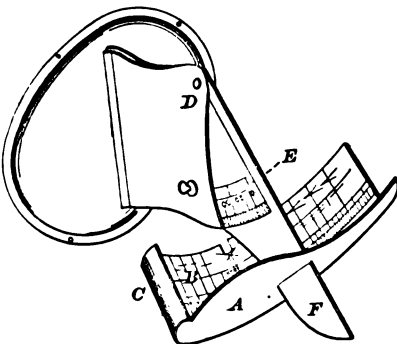
**78394—H. S. Ross—Baggage Check.**



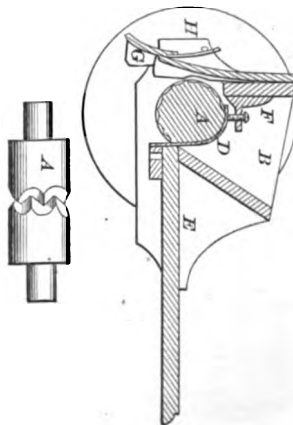
**78395—H. S. Ross—Steam Water Ejector.**



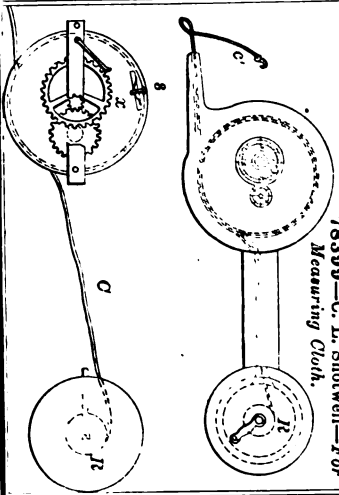
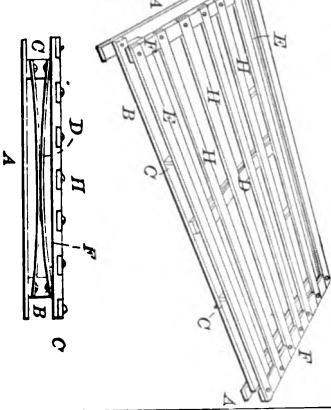
**78392—H. C. Pearsons—Sun Dial.**



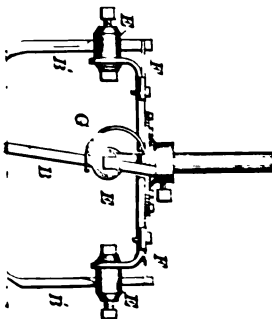
**78396—Sanderson & Shattuck—Seed Sower.**



**78397—Sawyer & Baldwin—  
Spring Bed Bottom.**

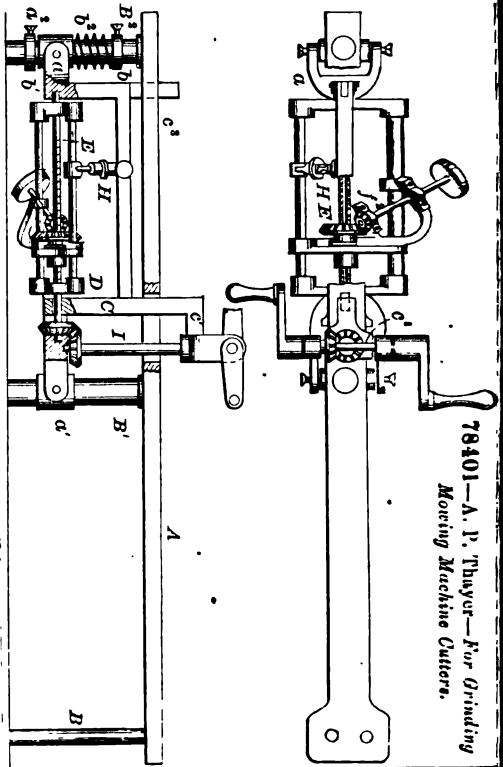
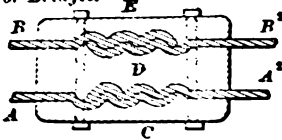


**78390—C. L. Stowell—For  
Measuring Cloth.**



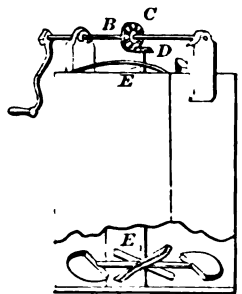
**78400—P. H. Standish—  
Mounting Rotary Pipe Cutters.**

**78403—L. E. Truesdell—Lock Bar for  
for Bridges.**

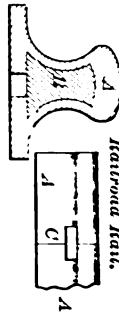


**78401—A. J. Thayer—For Grinding  
Moving Machine Cutters.**

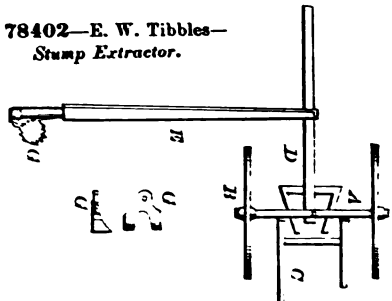
**78398—Shuffert & Cooper—  
Churn.**



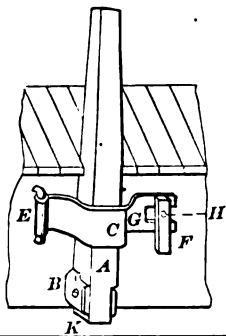
**78404—J. B. Wakeman—  
Railroad Nail.**



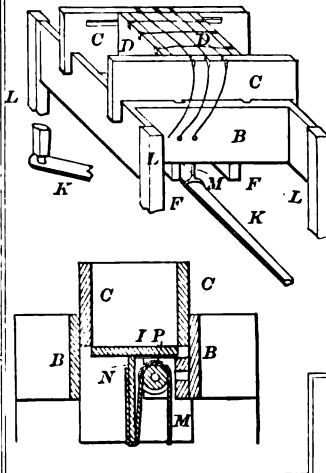
**78402—E. W. Tibbles—  
Stamp Extractor.**



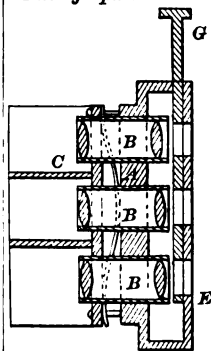
**78405—W. P. Wentworth—**  
*Stake Holder for Cars.*



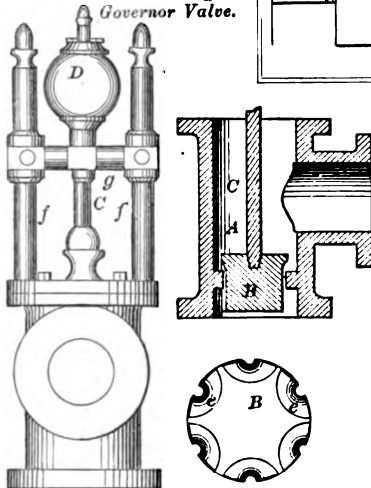
**78407—C. Wightman—Wool Box.**



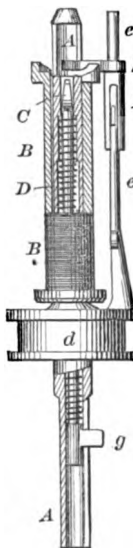
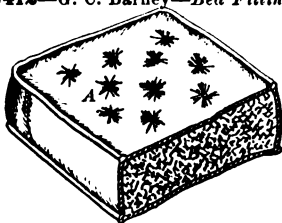
**78408—S. Wing—**  
*Photographic Camera.*



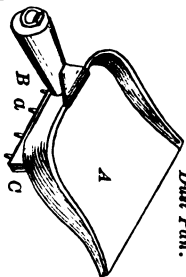
**78410—**  
**Andrews & Armstrong—**  
*Governor Valve.*



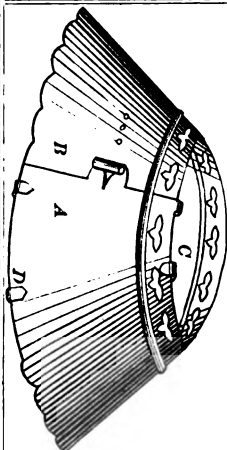
**78412—G. C. Barney—Bed Filling.**



**78411—D. Avery—Carrier for Braiding Machines.**

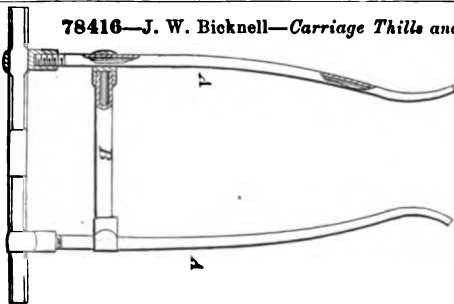


**78406—L. F. Weston—**  
*Dust Pan.*

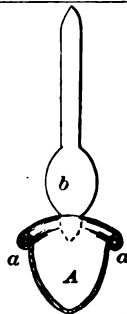


**78413—D. W. Bashore—Lamp Shade.**

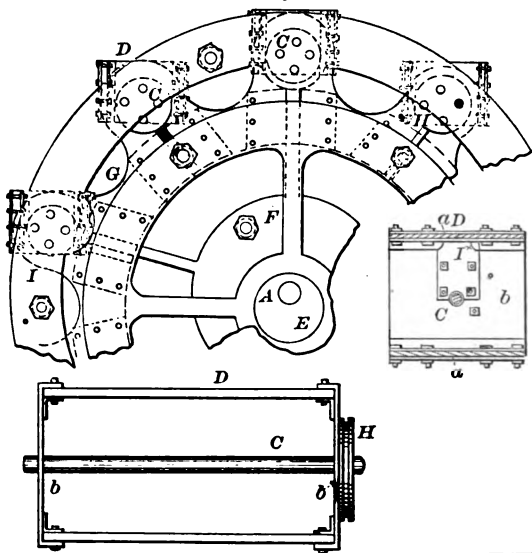
**78416—J. W. Bicknell—Carriage Thills and Pole.**



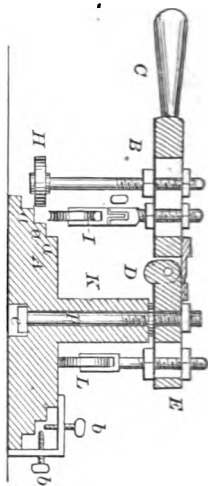
**78414—A. F. Baum—**  
*Catamenial Sack.*



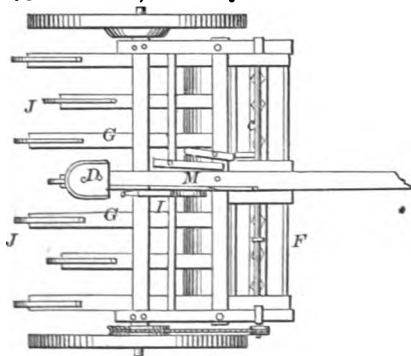
78415—R. Bell—Feathering Paddle Wheel.



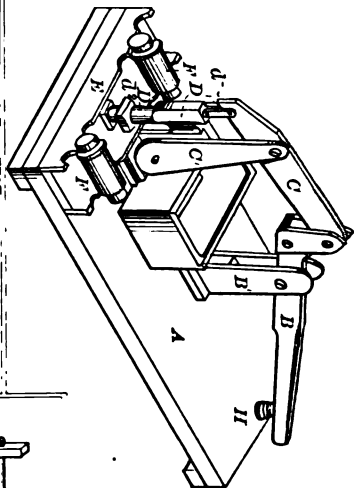
78418—W. Hoyd—For Bending Circles.



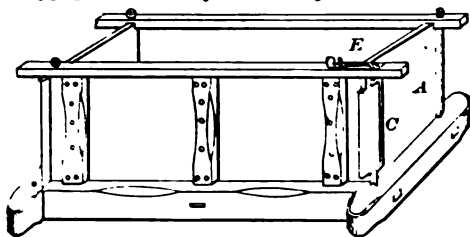
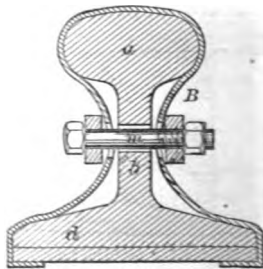
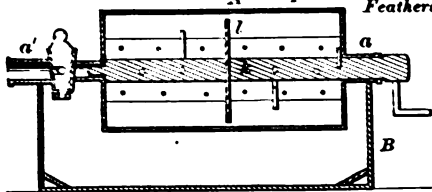
78417—Blood, Hathaway &amp; Beach—Cultivator.



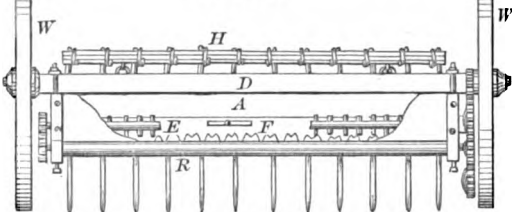
78420—J. M. Bryan—Fire Bending and Punching.



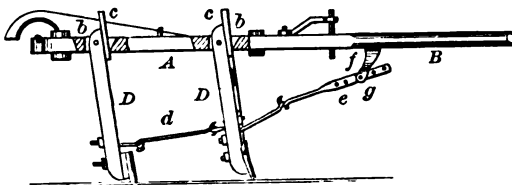
78419—W. Bradley—Cart Body.

78422—A. G. Burby—  
Railroad Rail.78421—D. Budd—For Cleaning and Renovating  
Feathers.

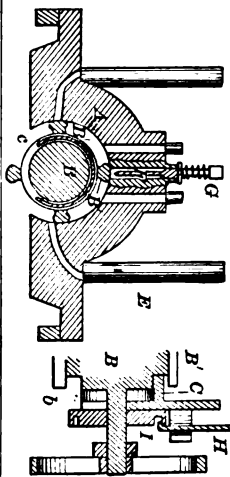
78423—D. Caine—For Sowing Fertilizers and Seeds.



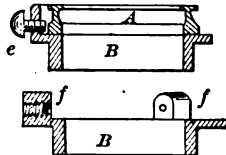
78424—A. Campbell—Corn Cultivator.



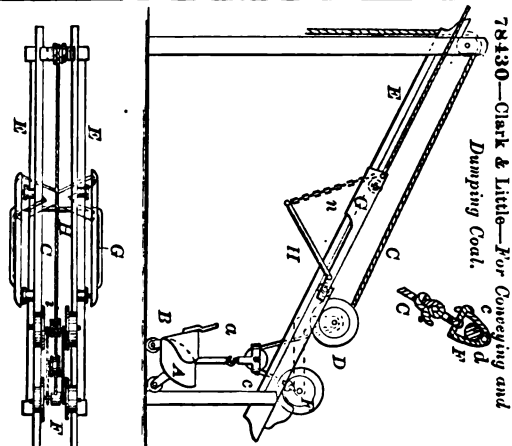
78425—W. B. Campbell—Rotary Steam Engine.



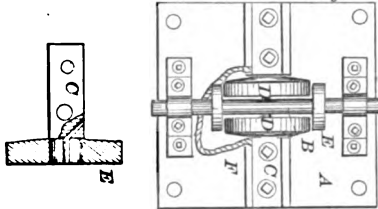
78427—W. T. Carroll—Ring for Spinning Machines.



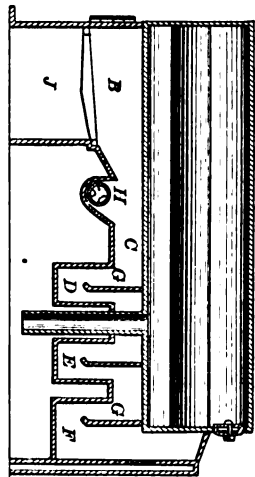
78430—Clark & Little—For Conveying and Dumping Coal.



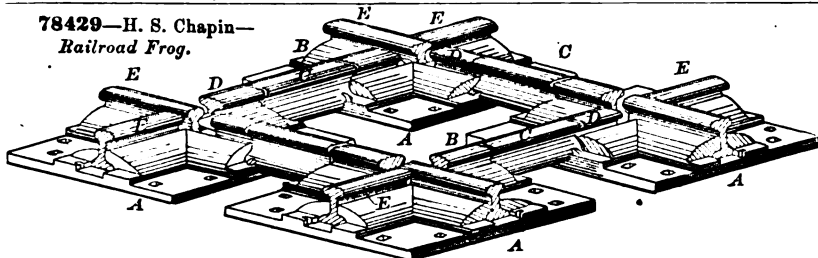
78428—A. W. Case—Thrust Bearing.



78426—N. L. Carpenter—Steam Boiler Furnace.

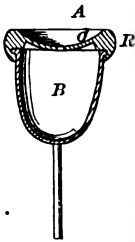


78429—H. S. Chapin—Railroad Frog.

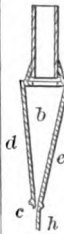




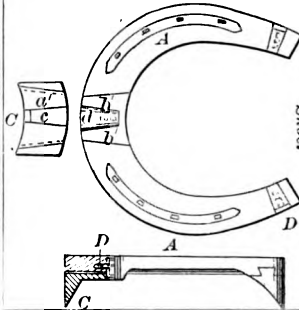
**78431**—S. P. Cole—  
*Uterine Supporter.*



**78432**—W. H. Cox—*Sand  
Throwing Machine.*



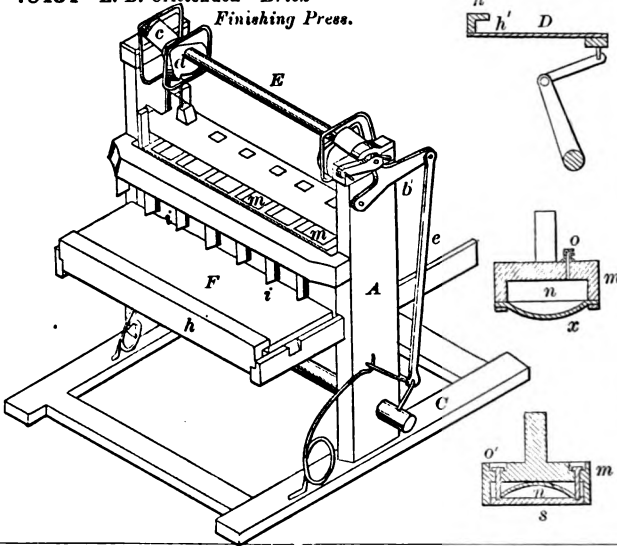
**78436**—J. M. Gunkendall—*Horse  
Shoe.*



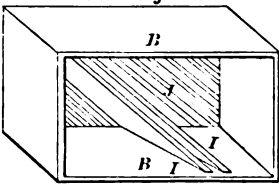
**78435**—G. B. Cuddeback—*File.*



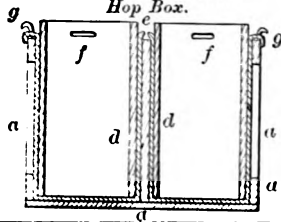
**78434**—L. B. Crittenden—*Brick  
Finishing Press.*



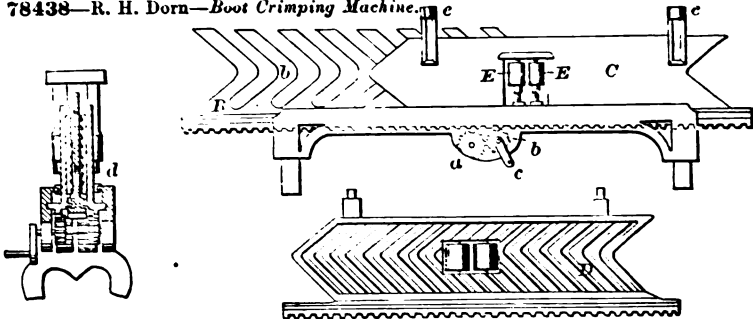
**78437**—O. E. Doolittle—*Fruit  
Preserving Box.*



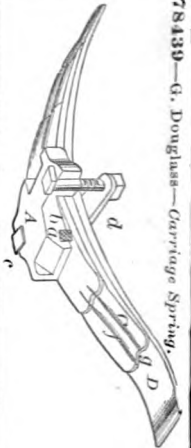
**78433**—W. R. Crandall—*Hop Box.*



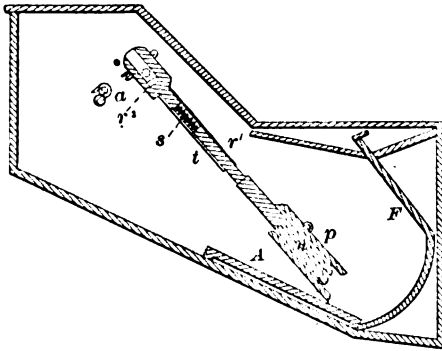
**78438**—R. H. Dorn—*Boot Crimping Machine.*



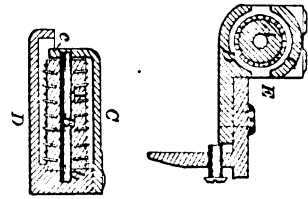
**78439**—G. Douglas—*Carriage Spring.*



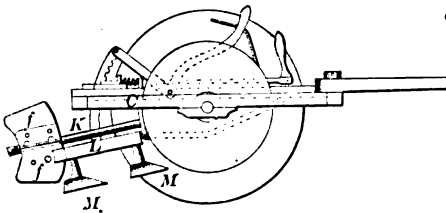
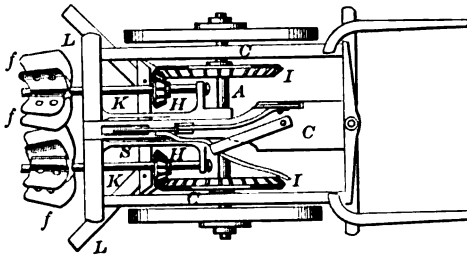
78440—N. Drew—Washing Machine.



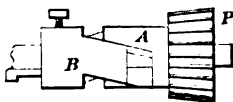
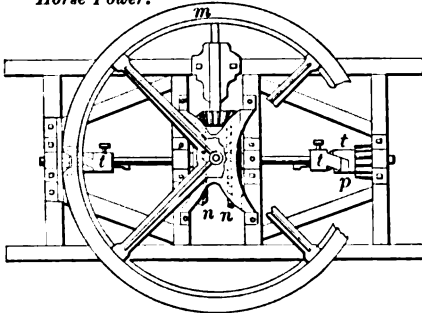
78441—W. W. Dutcher—Loom Temple.



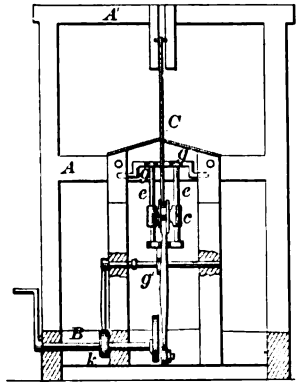
78442—H. P. Eckler—Cultivator and Hoe.



78445—J. S. Everitt—Adjustment of Gearing for Horse Power.



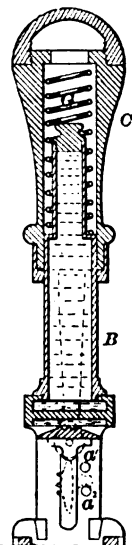
78443—A. R. Ehlers—Saw Mill.

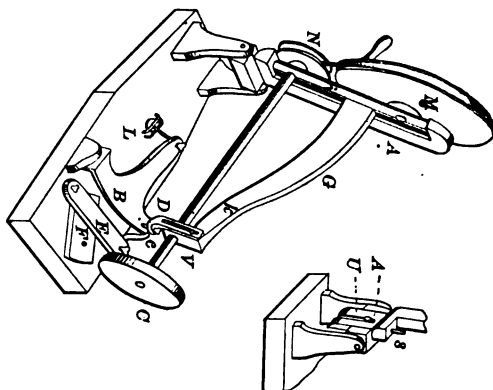
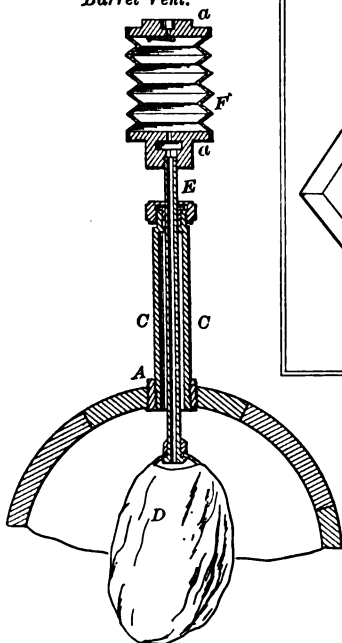
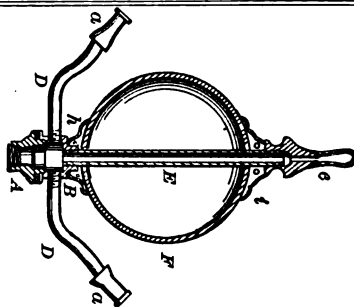


78444—L. H. Emmons—Mop Head.

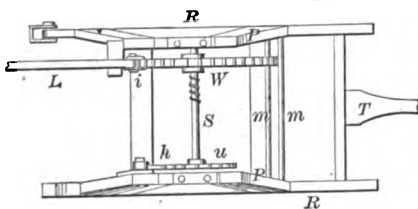
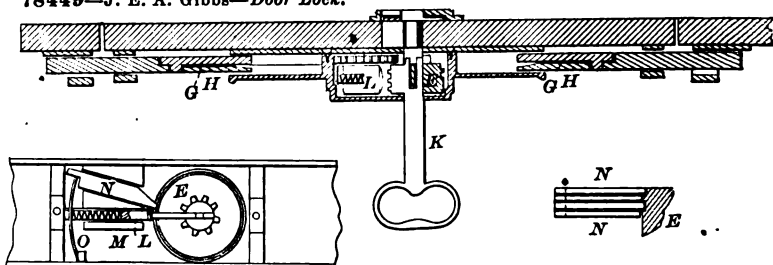


78446—A. Fessler—Hand Stamp.



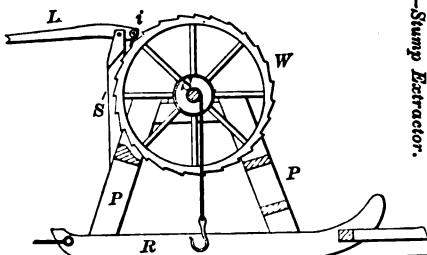
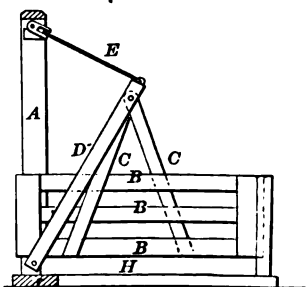
78447—R. C. Fleming—  
Barrel Vent.78448—A. French—For Grinding Moving  
Machine Cutters.78451—T. (Irish)—  
Gas Burner.

78449—J. E. A. Gibbs—Door Lock.

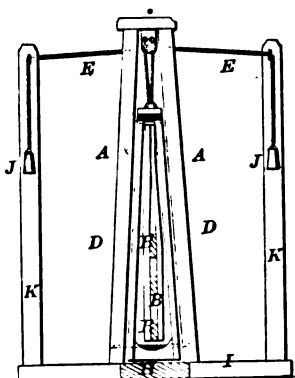


78450—A. Goodrich—Stump Extractor.

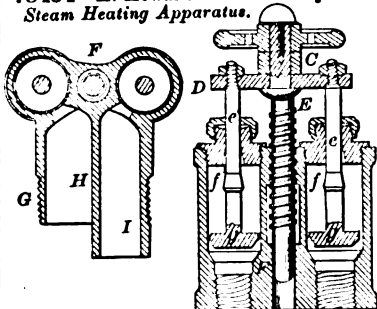
78452—W. C. Hooker—Gate.



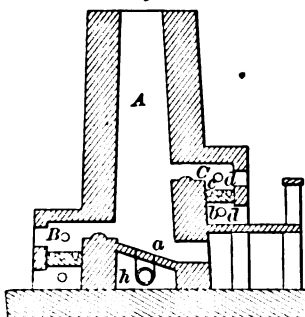
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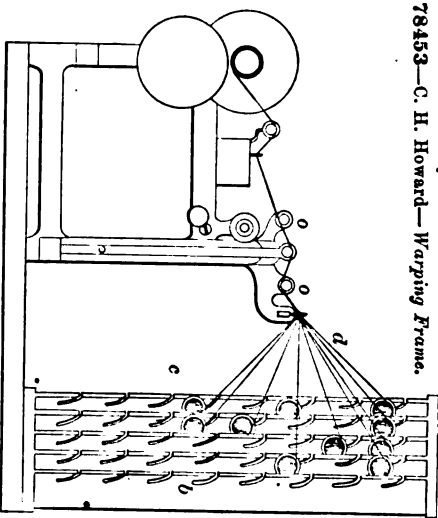
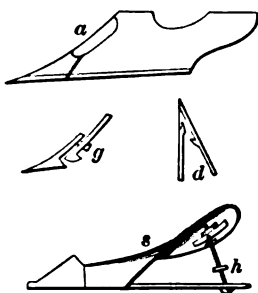
78454—H. Howard—Valve Gear for Steam Heating Apparatus.



78456—E. P. Hudson—Ore Roasting Furnace.

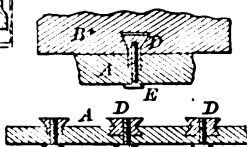
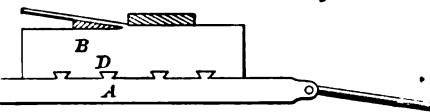


78457—S. Hulbert—Plow.



78453—C. H. Howard—Warping Frame.

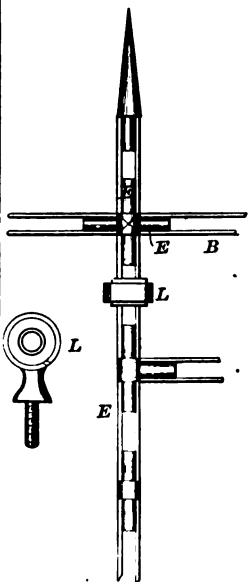
78458—E. Jewett—Veneer Cutting Machine.



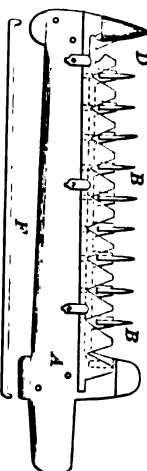
78455—A. Hoyt—Purment.



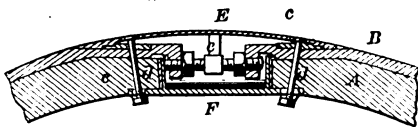
78459—G. Kirtland—Lightning Rod.



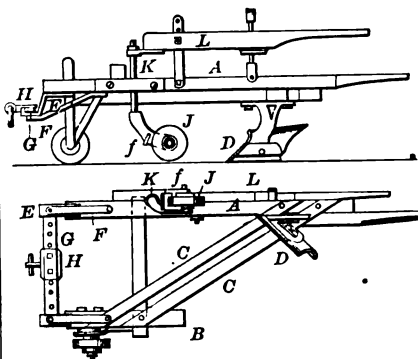
78460—M. Lewis—Horrester Cutter.



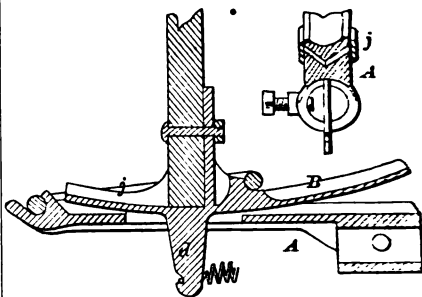
**78461—T. R. Markillie—Tightening  
Wheel Tires.**



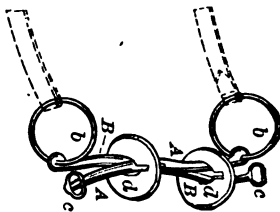
**78464—D. C. Matteson—Gang Plow.**



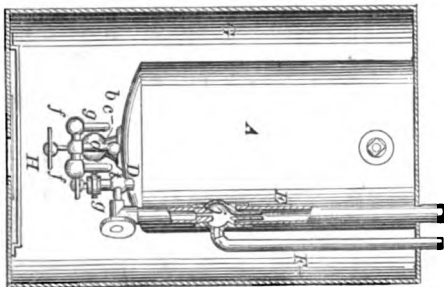
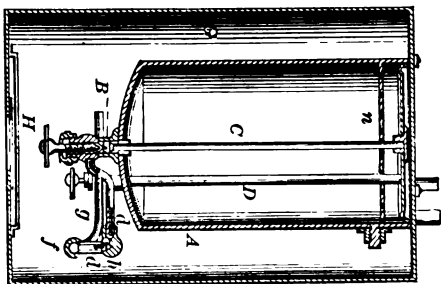
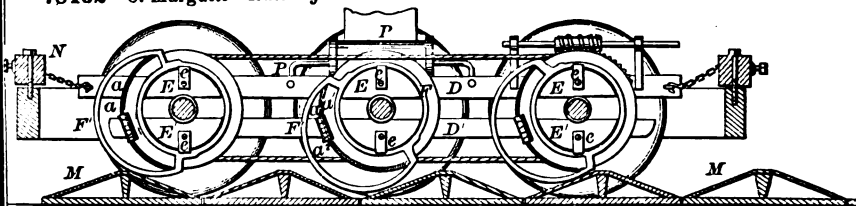
**78463—W. Mason—Mounting Picker Sticks.**



**78460—P. J. McGuinness—  
Bridle Bit.**

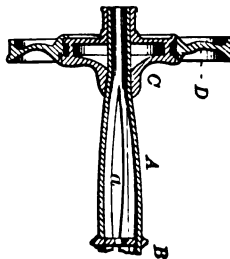


**78462—C. Margutti—Railway.**

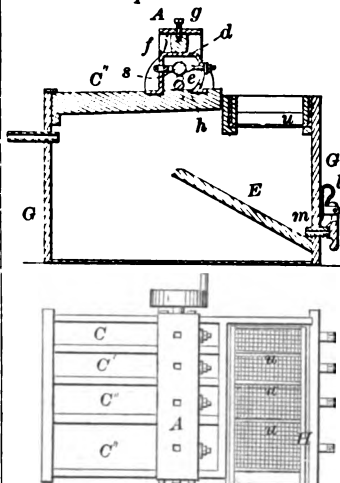


**78465—Maxim & Lockwood—Gas Machine.**

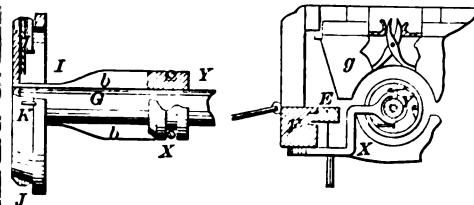
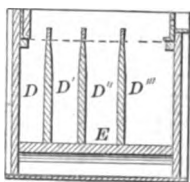
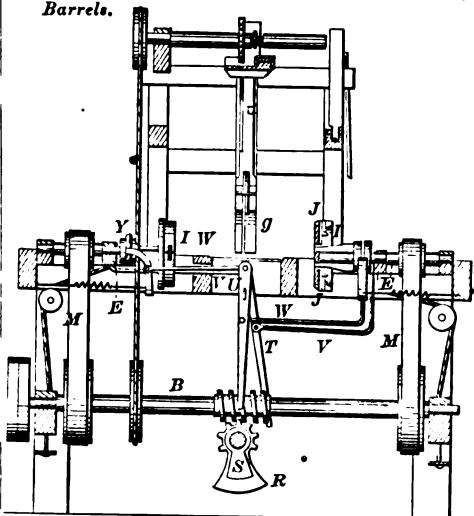
**78467—J. Montgomery—Car Axle and Wheel.**



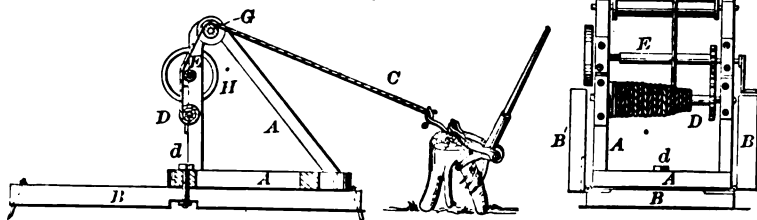
78468—R. C. Morton—Ore Separator.



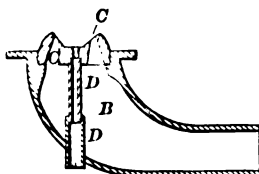
78470—C. Murdock—For Crozing and Chamfering Barrels.



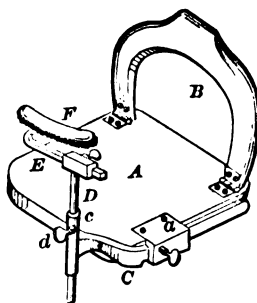
78469—C. Munns—Stump Extractor.



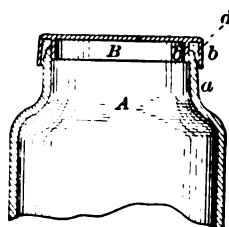
78471—W. H. Myers—Tuyere.

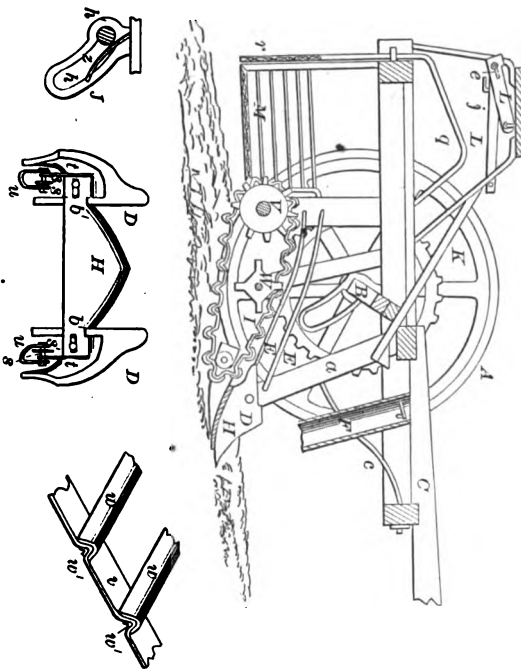
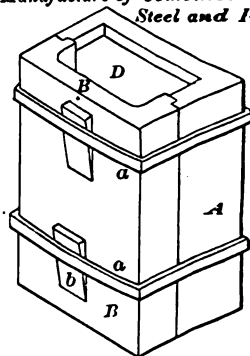
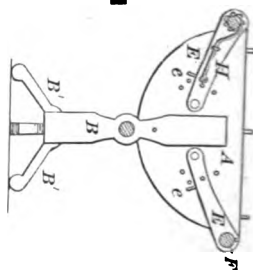
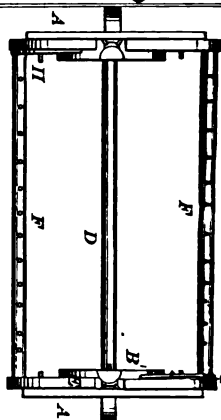
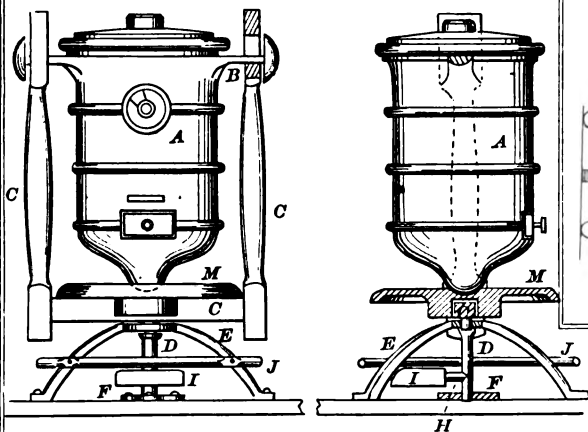
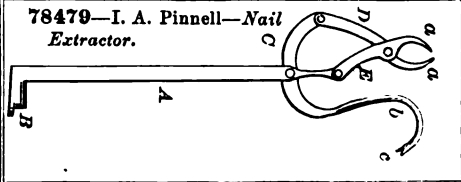


78472—F. Neuhaus—Tailors' Seat.

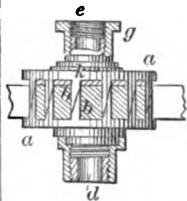


78474—H. B. Norton—Fruit Jar.

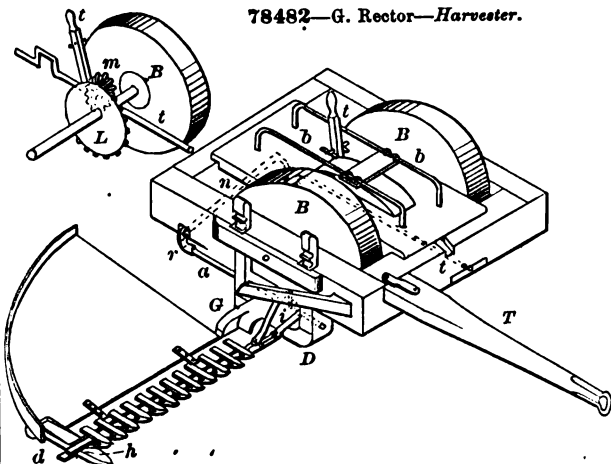


78473—H. B. Norton—*Potato Digger.*78477—J. Park, Jr.—*Manufacture of Combined Steel and Iron.*78478—M. E. Phillips—*Tube and Gutting Frame.*78475—R. O'Brien—*Car Stove.*78479—I. A. Pinnell—*Nail Extractor.*78476—G. W. Packer—*Extension Step Ladder.*

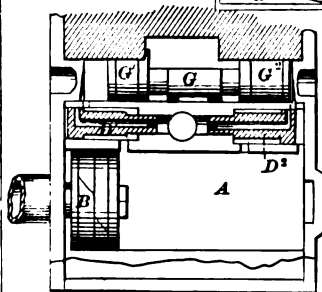
78480—H. Poth—  
Wheel.



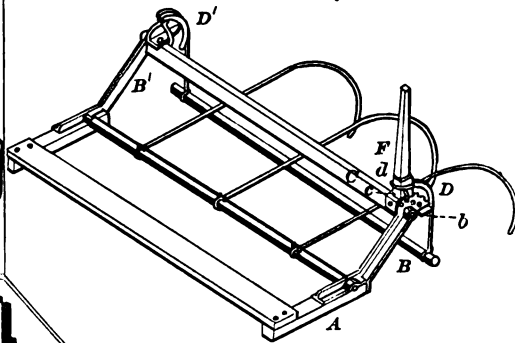
78482—G. Rector—Harvester.



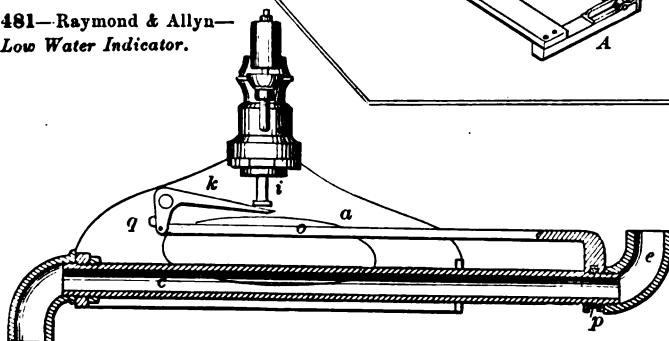
78483—A. K. Rider—  
Steam Engine Valve.



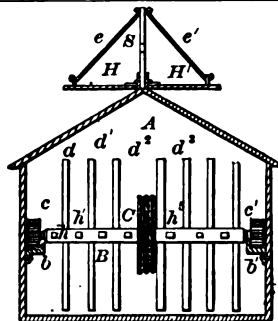
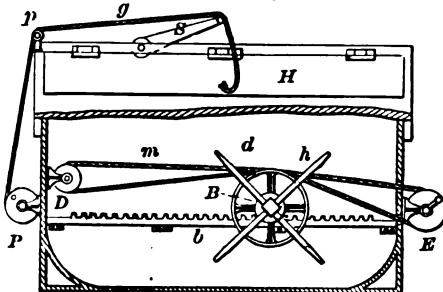
78484—J. S. & I. Rowell—Elevator for Cultivator Bars.



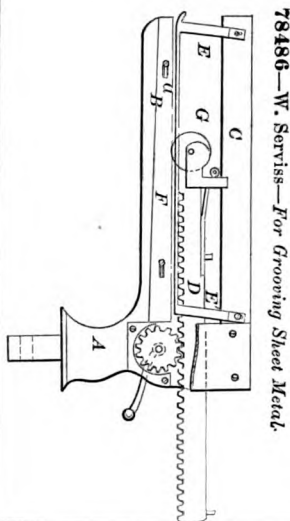
78481—Raymond & Allyn—  
Low Water Indicator.



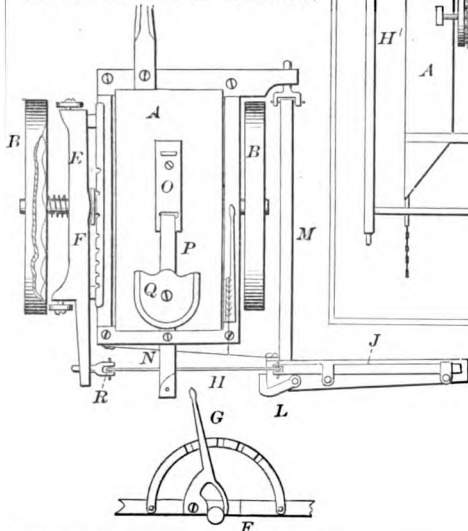
78485—J. S. Sandt—For Curing Hops.



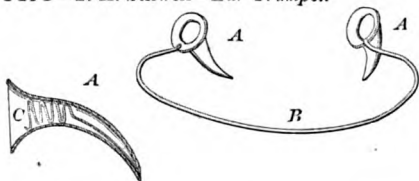




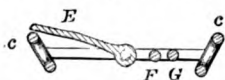
**78490—L. D. Snook—Harvester.**



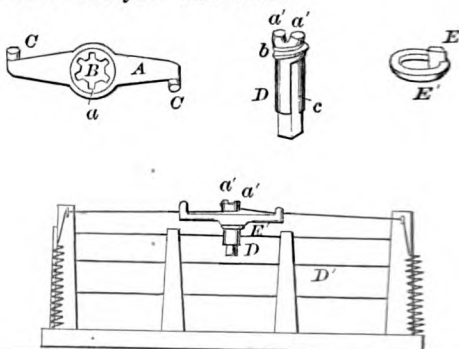
**78493—T. H. Stilwell—Ear Trumpet.**



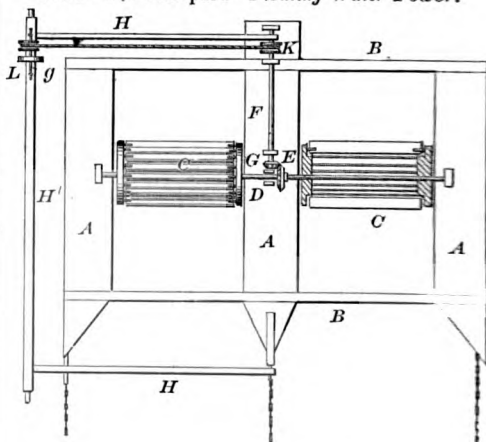
**78491—W. W. Spencer—Self-Fastening Buckle.**



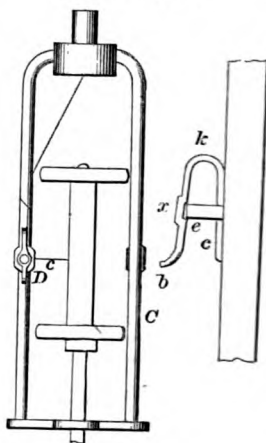
**78487—C. Seyler—Vine Trellis.**



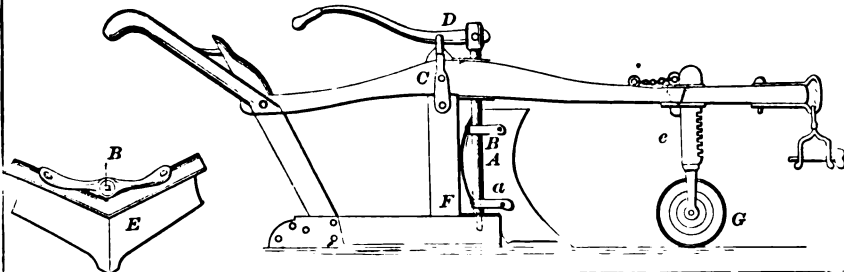
**78488—A. B. Shepard—Floating Water Power.**



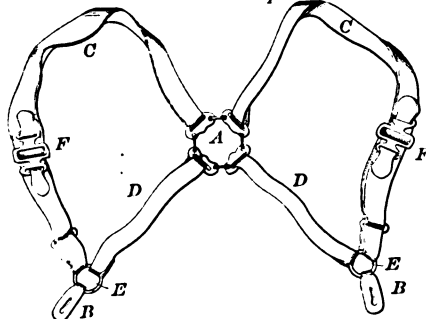
**78489—H. Silver—Spinning Machine Flyer.**



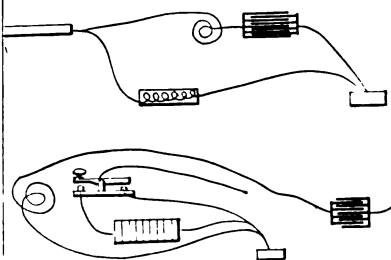
78492—C. Ph. Steinmetz—*Plow.*



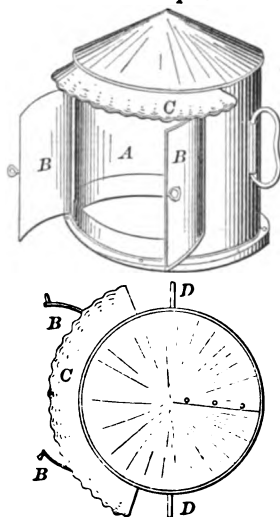
78494—W. P. Towles—*Suspenders.*



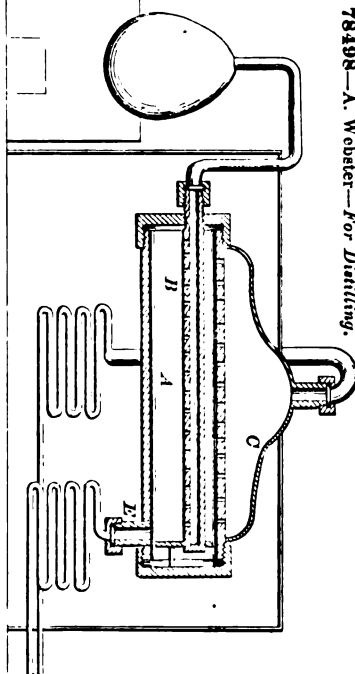
78495—C. F. Varley—*Telegraphing.*



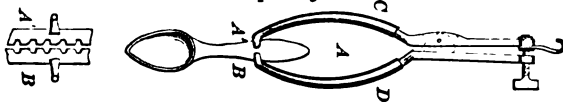
78496—G. Warner—*Cap for Marine Stove Pipes.*



78498—A. Webster—*For Distilling.*

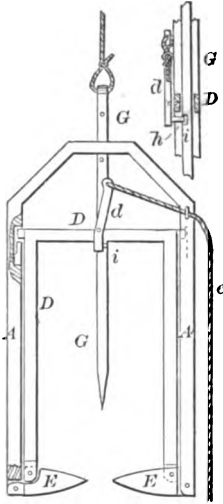


78497—W. H. Watrous—*Electroplating Frame*

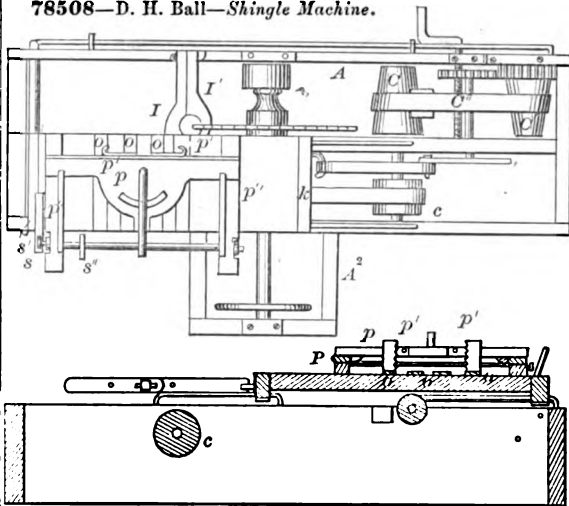




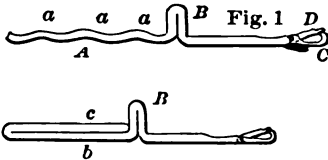
**78504—J. Wolfrom—**  
*Horse Hay Fork.*



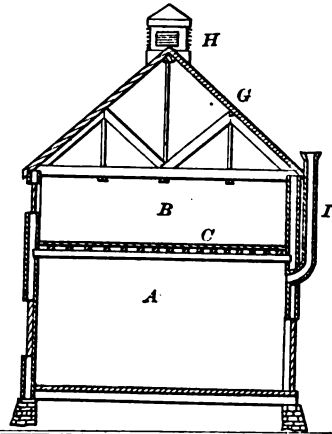
**78508—D. H. Ball—*Shingle Machine.***



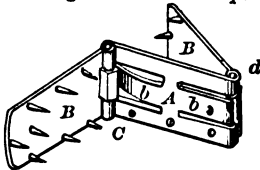
**78506—W. Aiken—Knitting Machine Needle.**



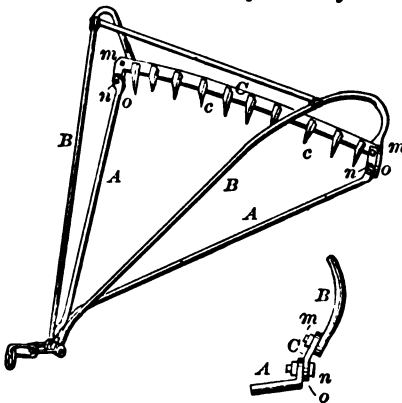
**78507—Baierle, Hartmann & Reese—*Ice House.***



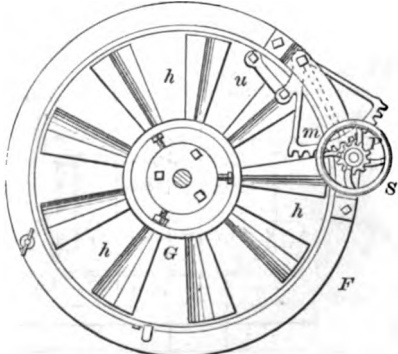
**78505—W. Wright—*Garment Clasp.***



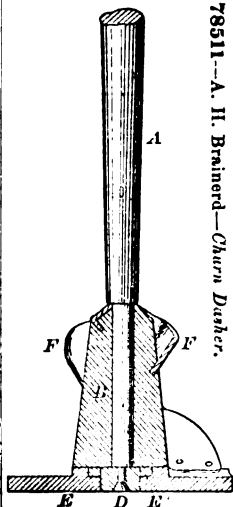
**78509—C. T. Belbin—*Oyster Dredge.***



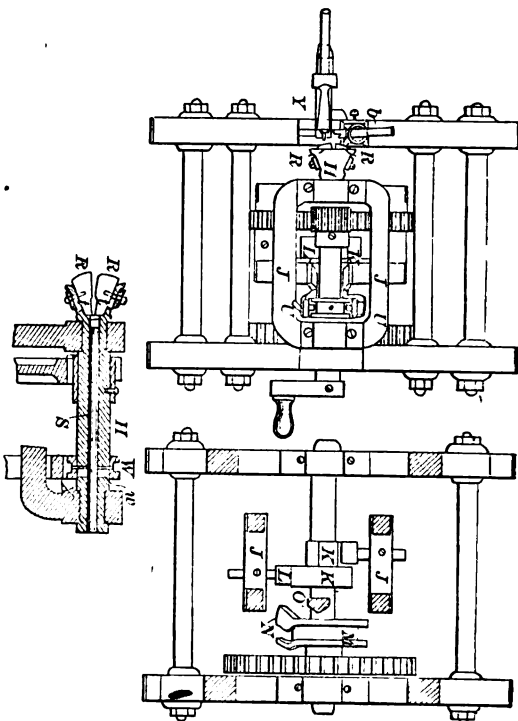
**78510—Bodino & Hill—*For Operating Water Wheel Gates.***



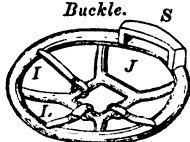
78511—A. H. Brainerd—Churn Dasher.



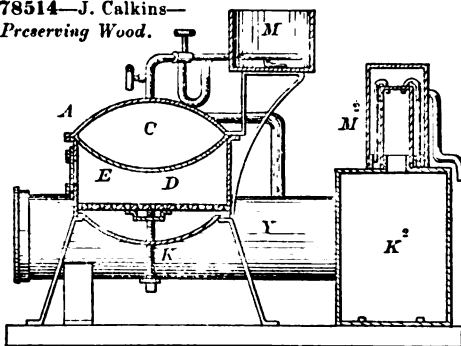
78512—J. Burns—For Shaving Screws.



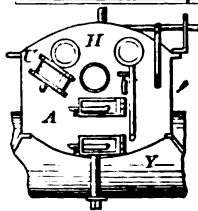
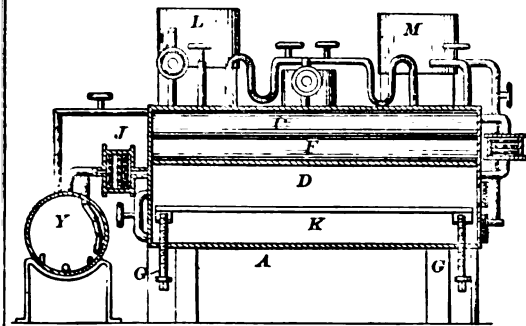
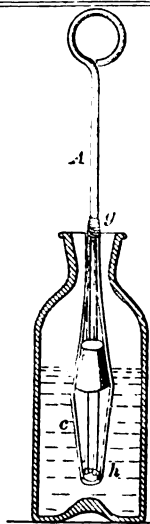
78516—F. Ditton—Halter Buckle.



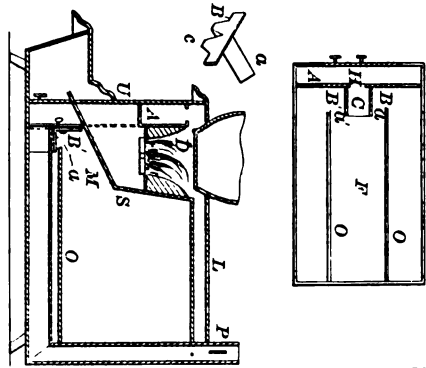
78514—J. Calkins—Preserving Wood.



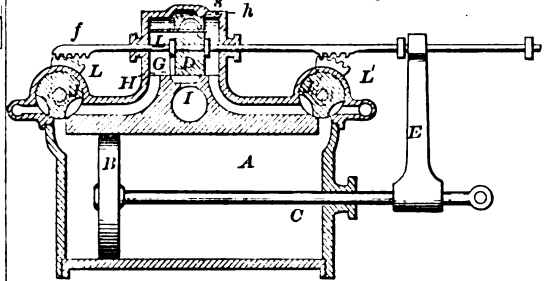
78513—E. Button—Cork Extractor.



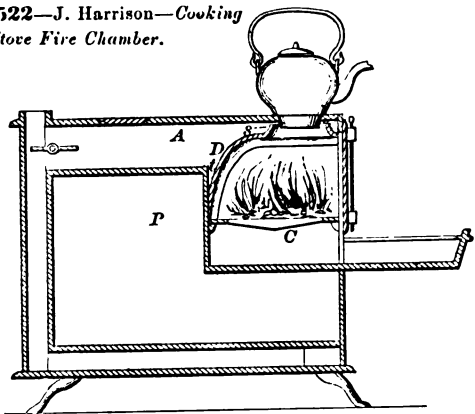
78517—W. Doyle—Cooking Stove.



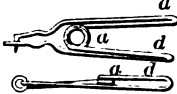
78518—G. L. Enggren—Steam Engine Valve.



78522—J. Harrison—Cooking Stove Fire Chamber.



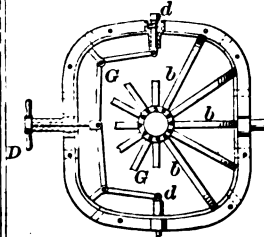
78523—R. Hathaway—Clothes Pin.



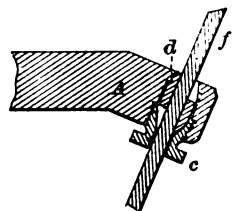
78521—S. W. Gear—Door and Window Catch.



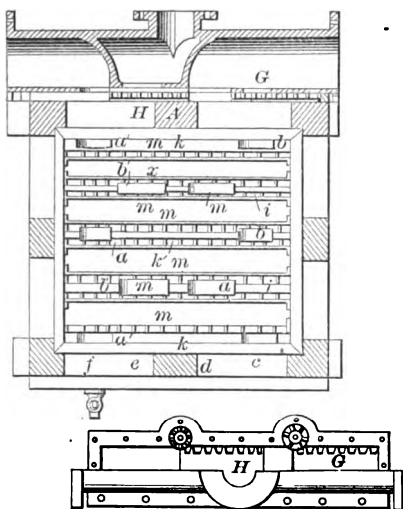
78525—C. Kaestner—Barbers' Chair.



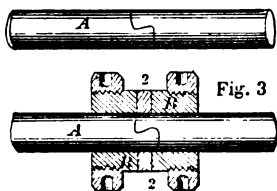
78520—C. H. Fowler—Lathe Tool Holder.



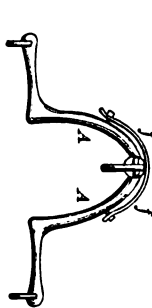
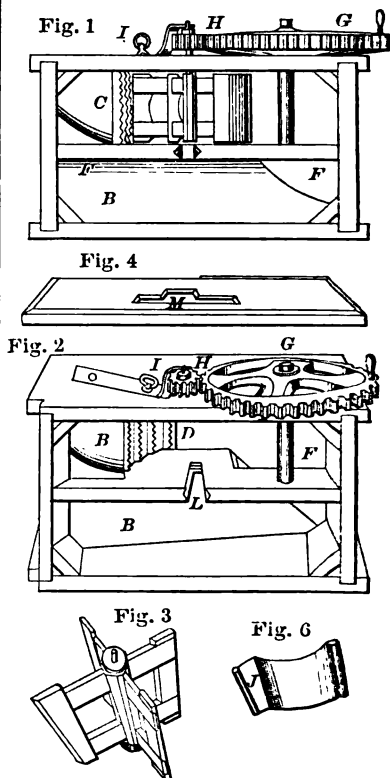
78524—L. Holms—Filter.



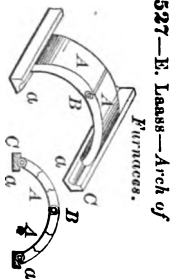
78529—J. F. Light—Shaft Coupling.



78526—J. Kepler—Churn.

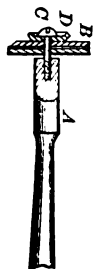
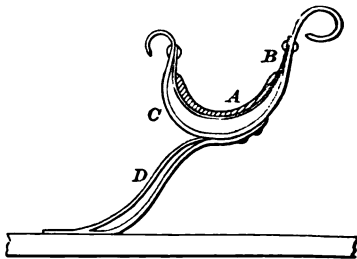


78533—J. McKillop—Bridle.



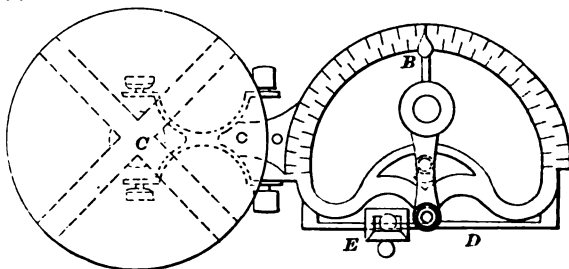
78527—E. Laass—Arch of Furnaces.

78531—W. I. Ludlow—Harvester Seat.

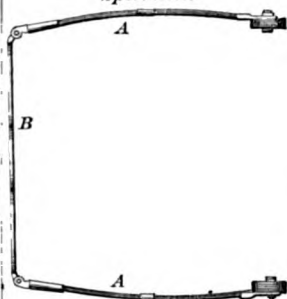


78528—J. Leo—Lamp Chimney Cleaner.

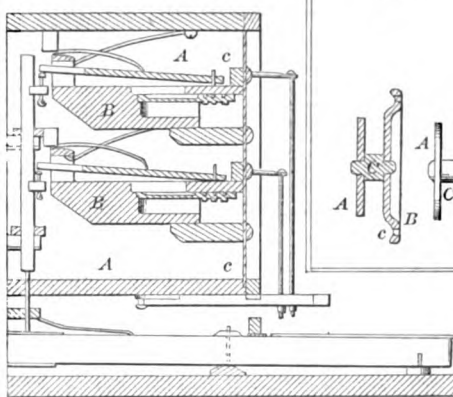
78532—L. A. Matos—Balance.



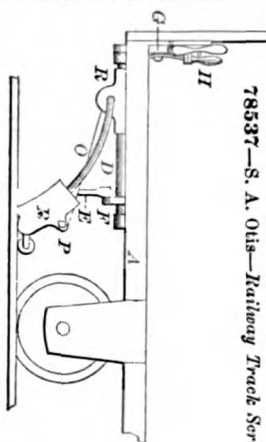
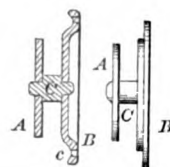
**78534—J. Moses—Galvanic Spectacles.**



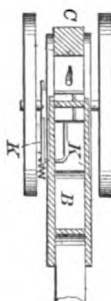
**78536—E. P. Needham—Reed Musical Instrument.**



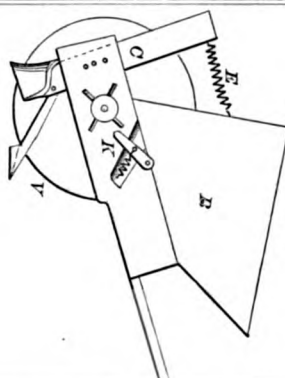
**78535—C. Mudler—Button.**



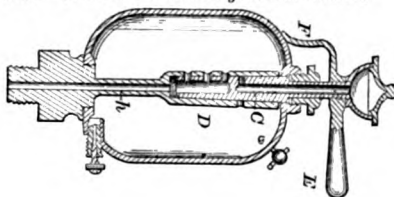
**78537—S. A. Otis—Railway Track Scraper.**



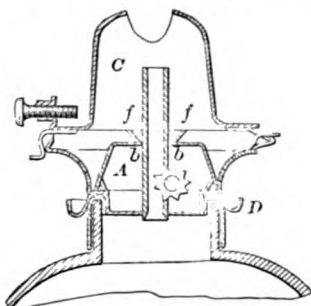
**78538—Perkins & Colburn—Seed Sowing Machine.**



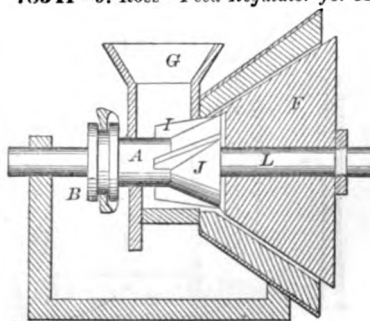
**78540—J. Ross—Steam Engine Lubricator.**



**78539—W. Robinson—Lamp Burner.**

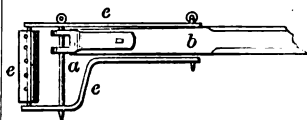


**78541—J. Ross—Feed Regulator for Mills.**

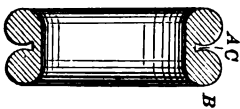




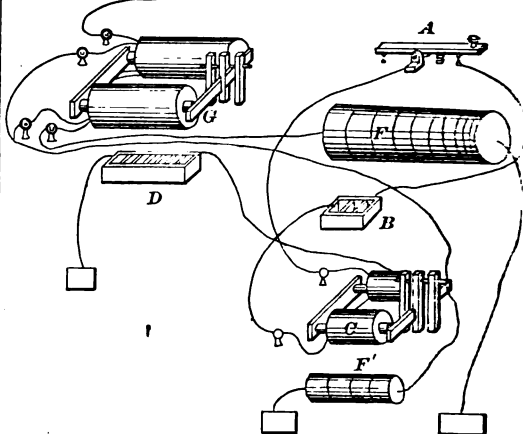
**78542—R. Sandiford—Plow  
Clevia.**



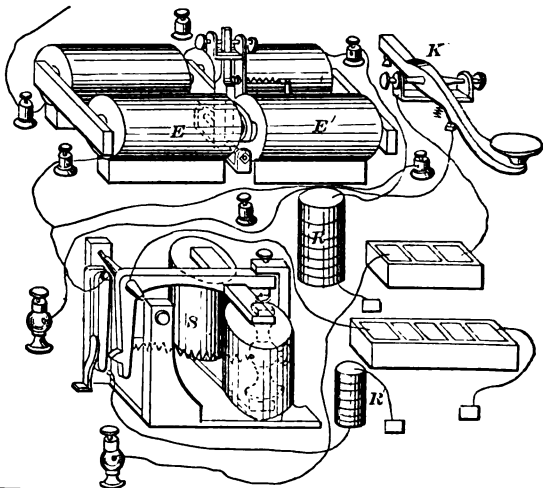
**78546—E. F. Stacy—Nipper.**



**78547—J. B. Stearns—Telegraph Apparatus.**



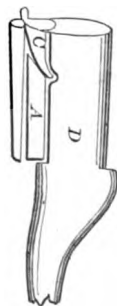
**78548—J. B. Stearns—Telegraph Apparatus.**



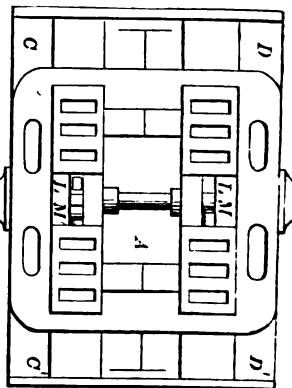
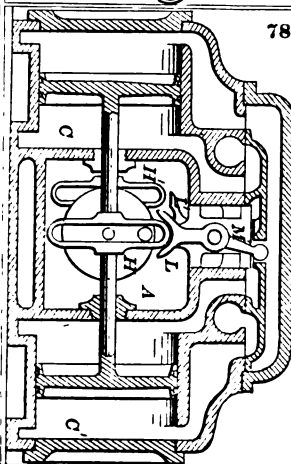
**78549—A. S. Stevens—Fruit Picker.**

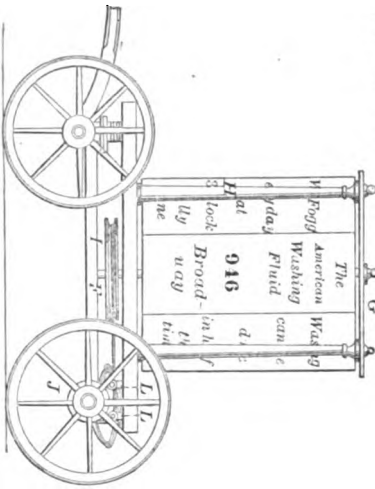


**78550—B. D. Stevens—Arc Handle.**



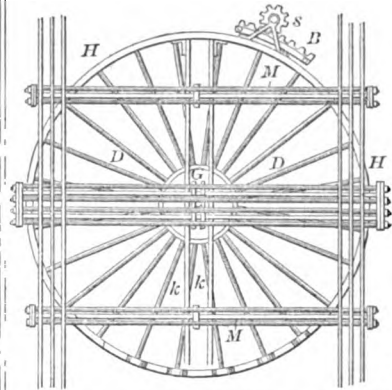
**78551—J. Sutherland—Liquid Meter.**



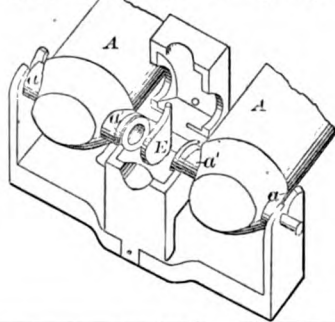


78552—G. W. Thompson—Advertising Wagon.

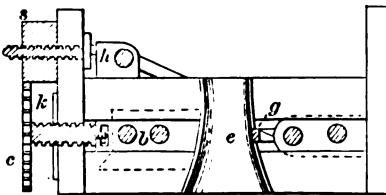
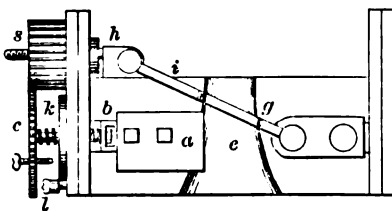
78553—J. K. Thompson—Turn Table.



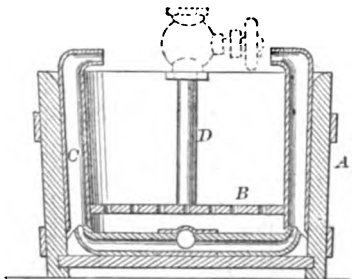
78555—J. P. Troxell—Sausage Stuffer.



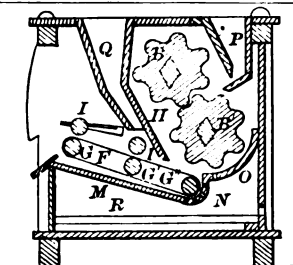
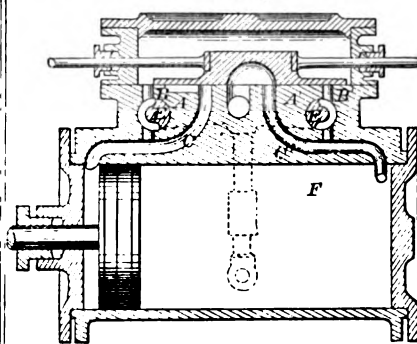
78554—N. L. Tomlinson—For Making Tree-Nails.



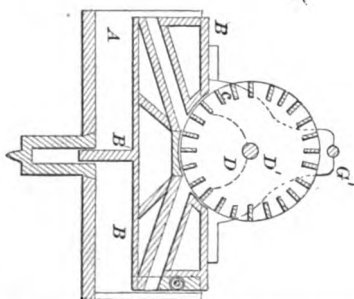
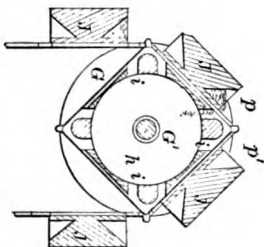
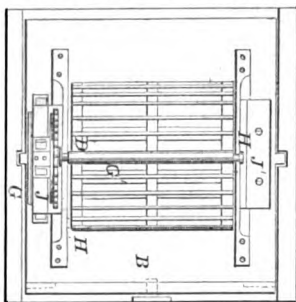
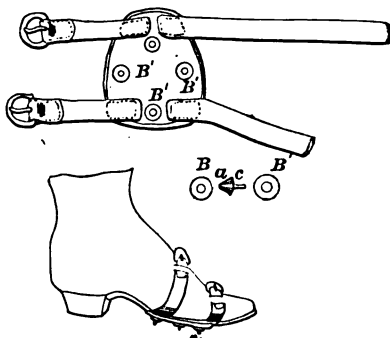
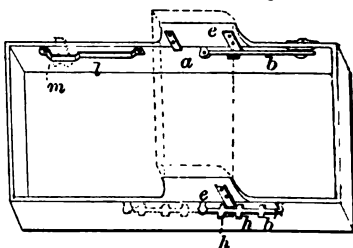
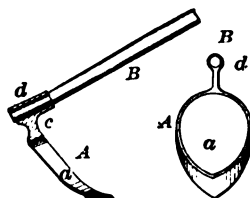
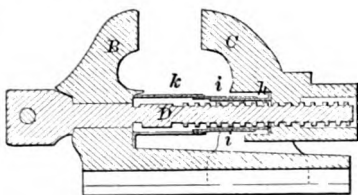
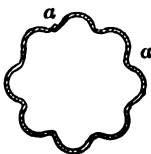
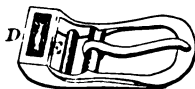
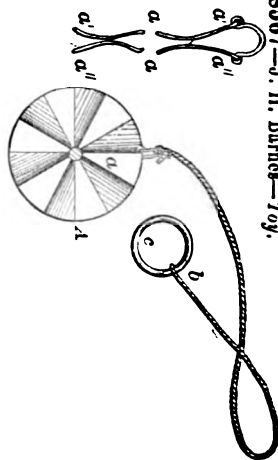
78559—M. Waterhouse—For Dyeing.



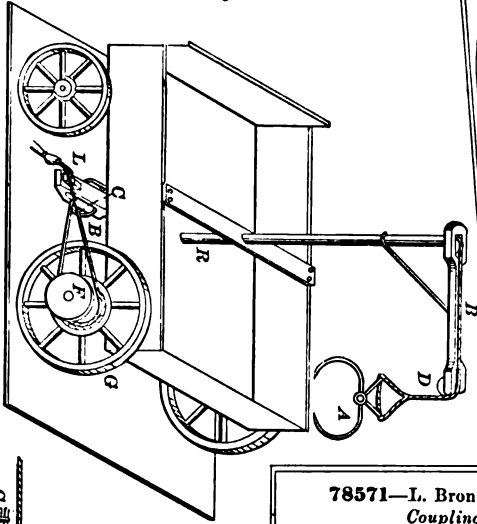
78556—G. Verry—Valve and Steam Passage.



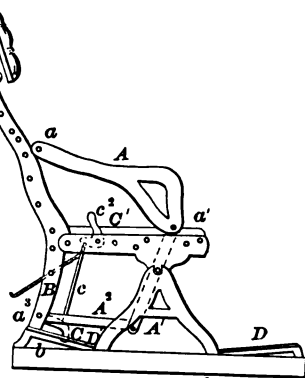
78558—J. Walton—Cider and Wine Mill.

78557—W. W. Virdin—*Tide Motor.*78560—W. C. Wells—*Ice Creeper.*78563—J. H. Adams—*Carriage Seat.*78561—I. N. Wood—*Hoe.*78565—Q. S. Backus—*Vise.*78564—W. Austin—*Sheet Metal Pipe.*78568—A. Bedford—*Harness Buckle.*78567—J. H. Durnee—*Toy.*

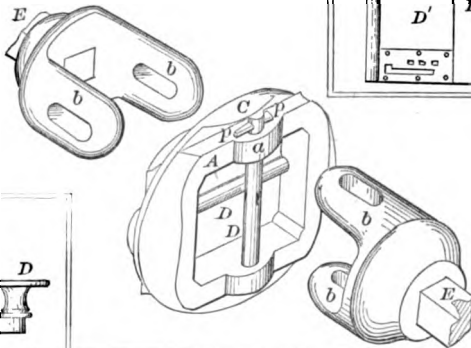
**78566—A. Barker—Hay Loader.**



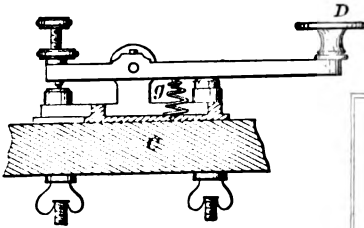
**78570—W. N. Bragg—*Car Seat and Chair.***



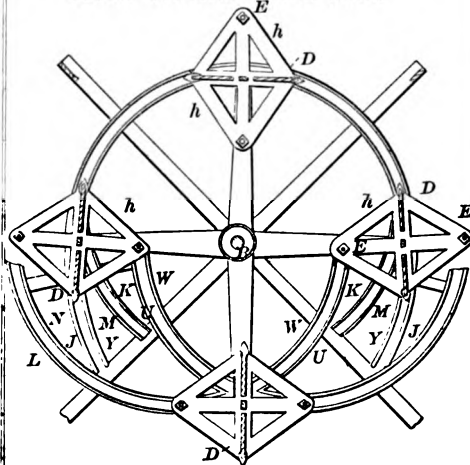
**78571—L. Bronson—*Shaft Coupling.***

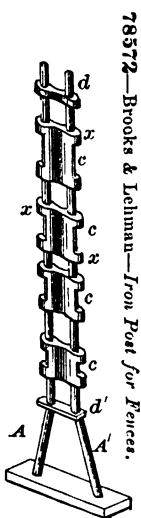


**78573—W. G. Brownson—  
Telegraphic Repeater.**

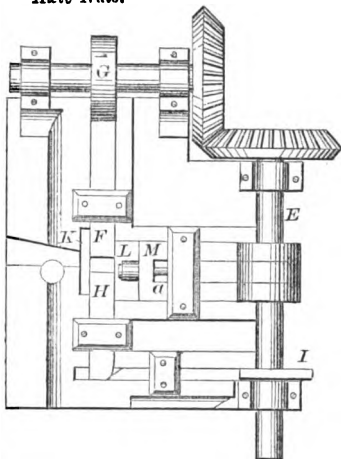


78574—J. Burson—*Paddle Wheel.*

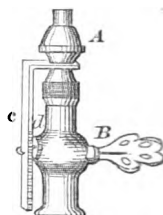




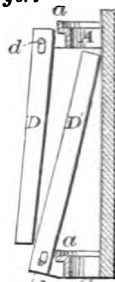
78576—Candee & Taylor—Die for Axle Nuts.



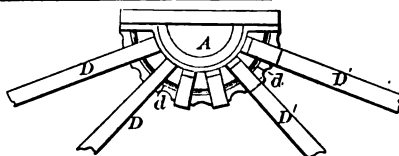
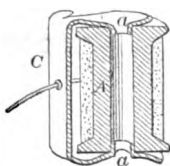
78578—S. L. Cole—Gas Burner.



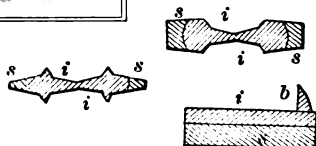
78575—J. M. Butters—Clothes Dryer.



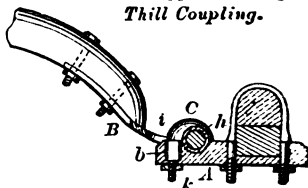
78577—W. C. Cleveland—Spool Guard.



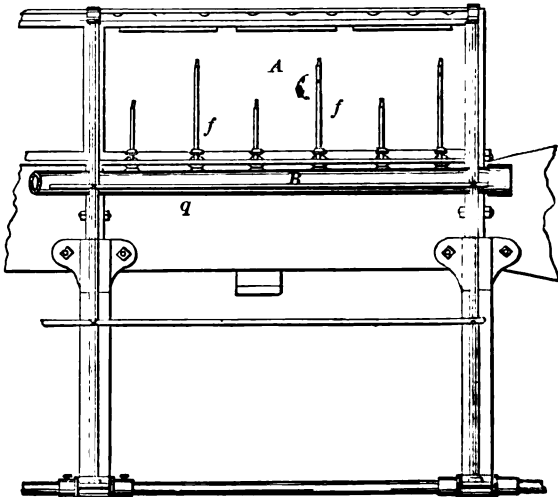
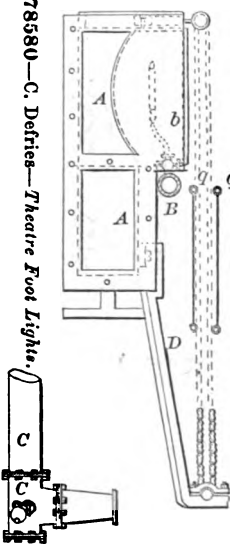
78581—T. Dooley—Toe Calk and Blank.



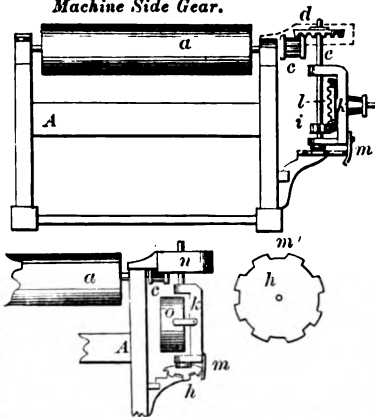
78579—M. M. Copp—Carriage Thill Coupling.



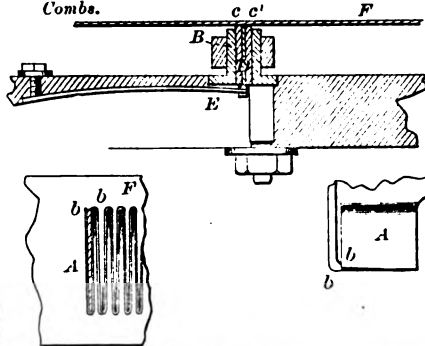
78580—C. DeRies—Theatre Foot Light.



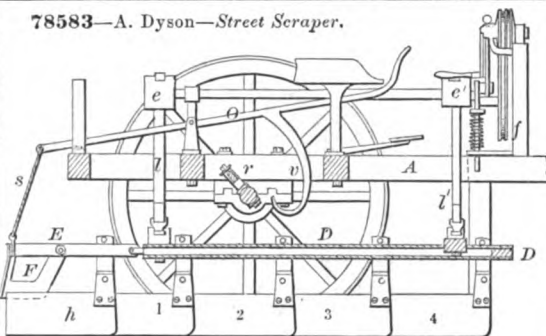
**78582—J. Duchesne—Threshing Machine Side Gear.**



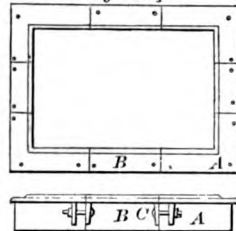
**78585—C. Foster—Die for the Teeth of Metallic Combs.**



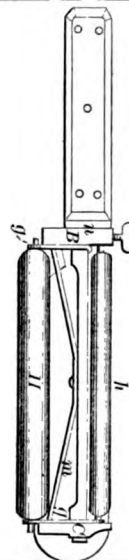
**78583—A. Dyson—Street Scraper.**



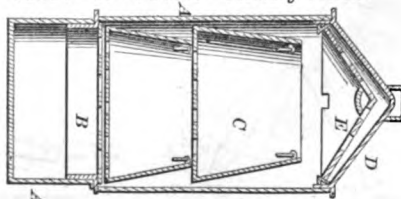
**78584—C. F. Espiek—Chimney Clasp.**

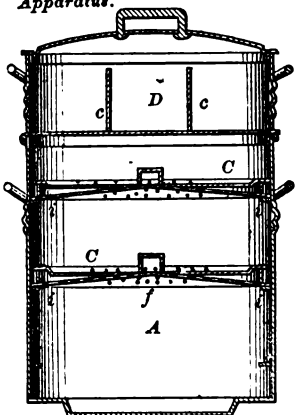
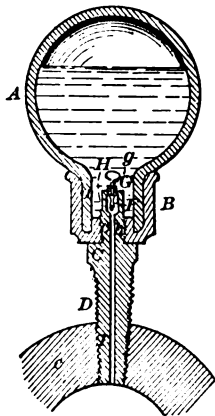
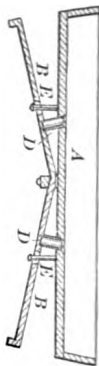
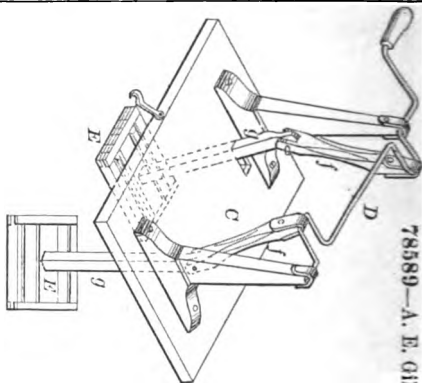
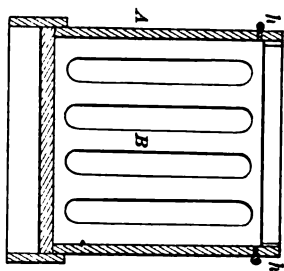
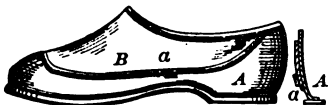
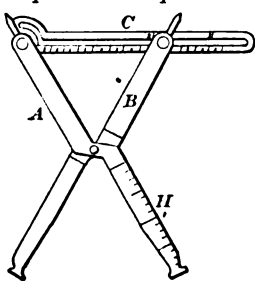
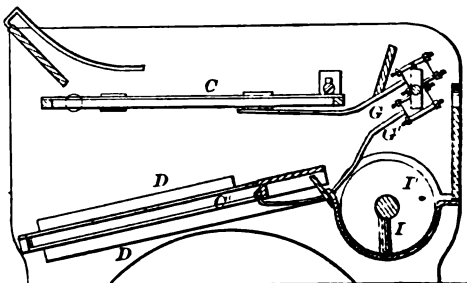


**78586—J. Frisch—Bread Knife.**

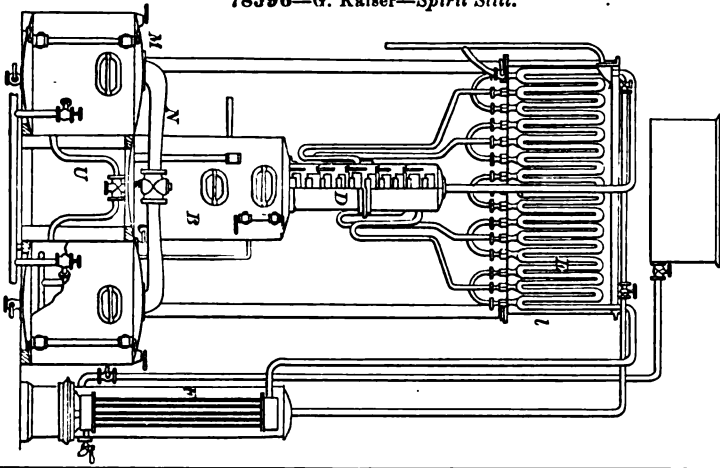


**78587—C. W. Fuller—Culinary Vessel.**

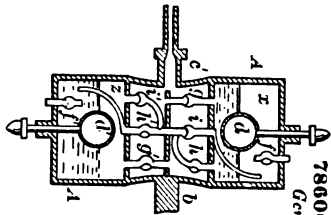
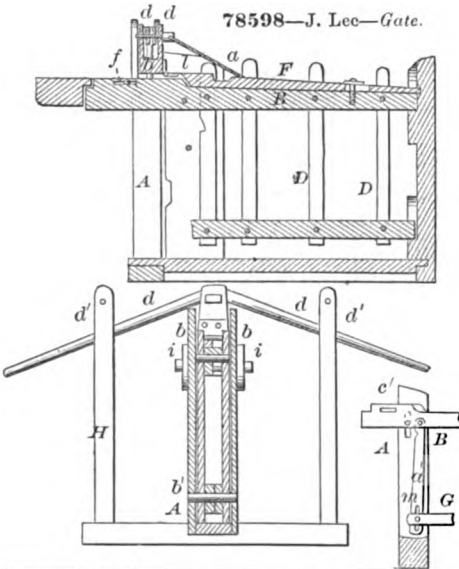


**78588—Gale & Avery—Cooking Apparatus.****78593—S. V. Hall—Washing Machine.****78600—L. Trehum—Wagon Seat.****78594—Holland & Cody—Lubricator.****78589—A. E. Gilliam—Churn.****78595—H. L. Hotchkiss—Overshoe.****78591—C. W. Guerrant—Square and Calipers.****78597—M. Laufenburg—Shoe for Separators.**

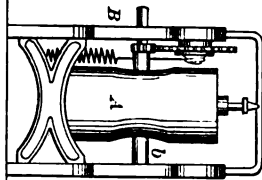
78596—G. Kaiser—Spirit Still.



78598—J. Lee—Gate.



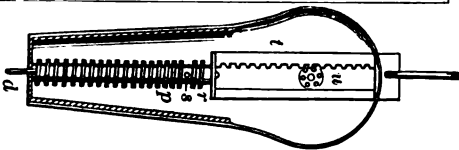
78600—R. J. Malcolm—For  
Generating Gas. C



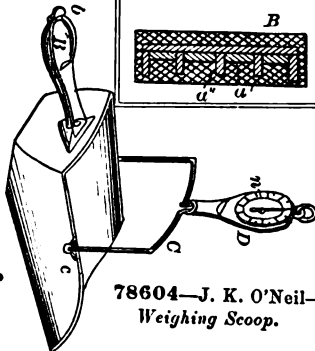
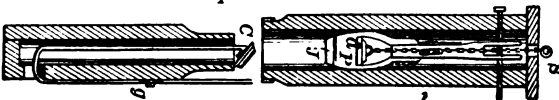
78601—I. Marsh, Jr.—  
Tile or Slab for Floors.



78599—T. Maitland—Tooth Brush.

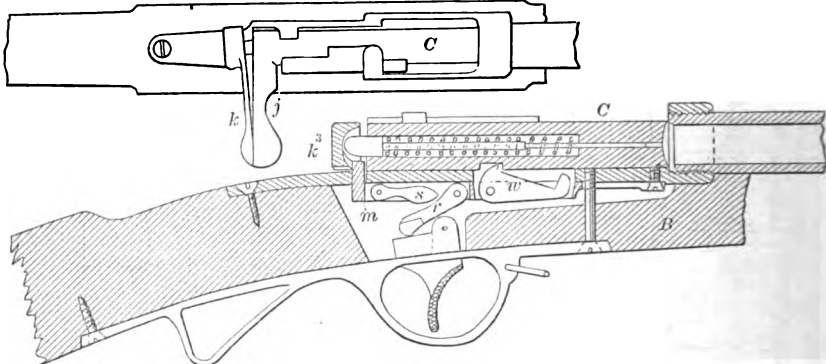
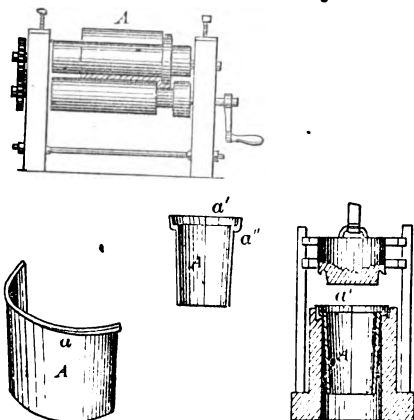
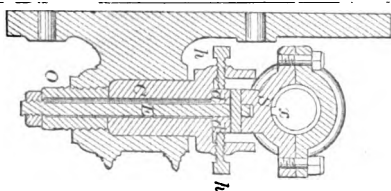
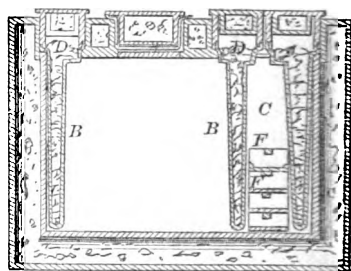
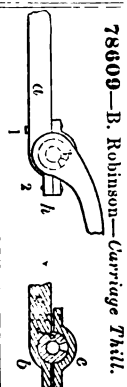
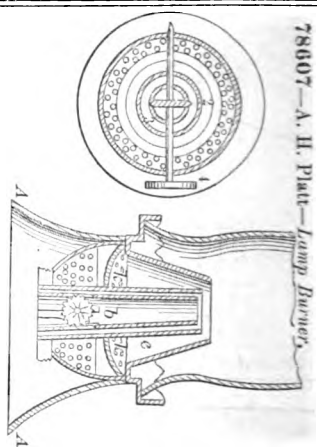
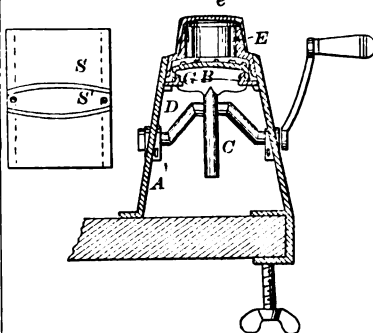
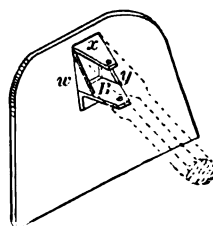


78602—C. S. McMahan—Pump.

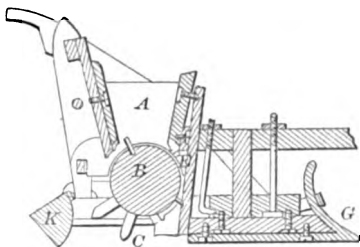


78604—J. K. O'Neil—  
Weighing Scoop.



**78603—Morris & W. & P. Mauser—Breech-Loading Fire Arm.****78605—J. Pfau—Fruit Can Body.****78606—E. Piper—Refrigerator.****78608—J. Richards—Hanger for Shifting.****78609—B. Robinson—Carriage Thill.****78612—Saladec & Hall—Grater and Slicer.****78607—A. H. Platt—Lamp Burner.****78611—Saladec & Hall—Hoe.**

78614—B. Smith—Cotton Seed Planter.



78615—Spear & Hull—Pruning Shears and Knife.

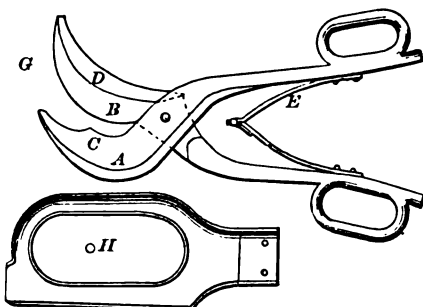
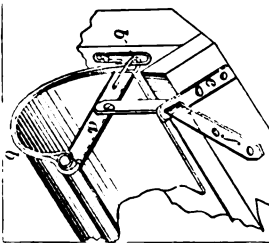


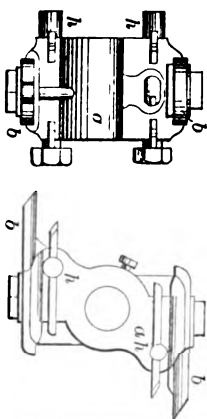
Fig. 3

Fig. 4

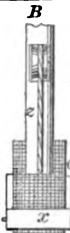
78617—W. Stine—*Excavating Machine*.



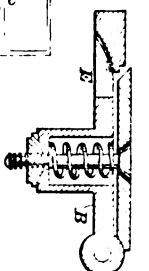
78616—A. T. Stearns—Planting Machine.



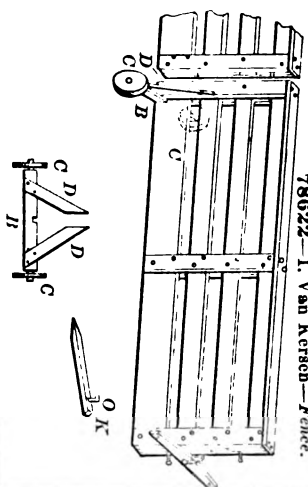
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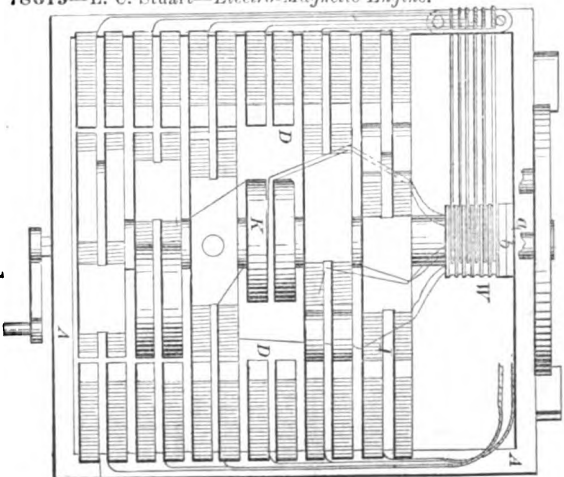
78620—S. Swan—*Carpenter's Bench Hook*.

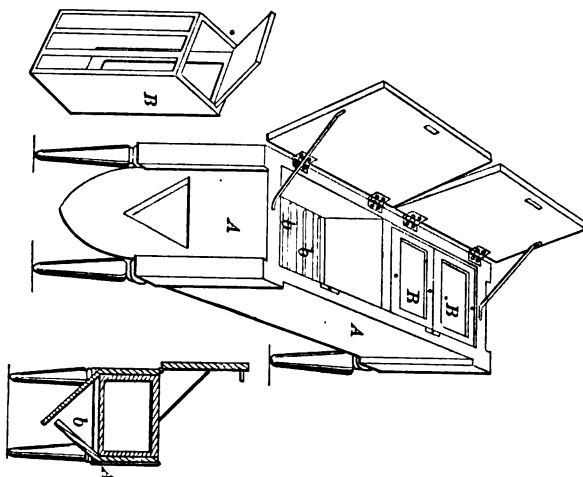
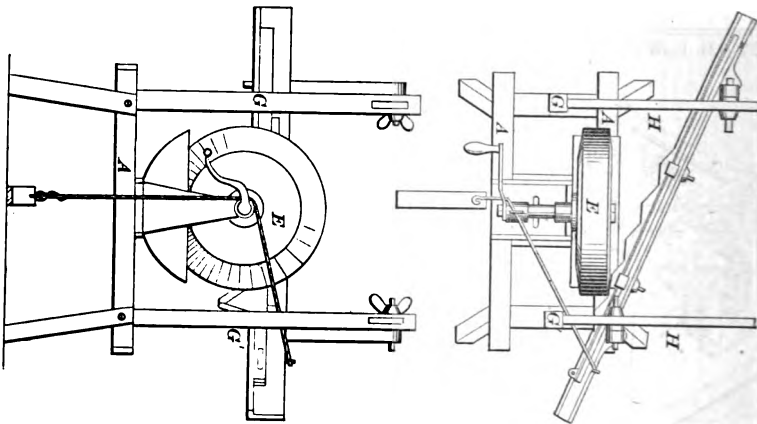
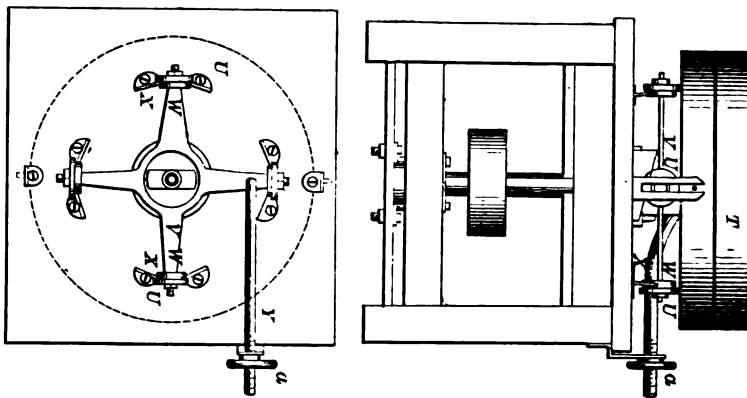


78622—J. Van Kersse—*Fence*.

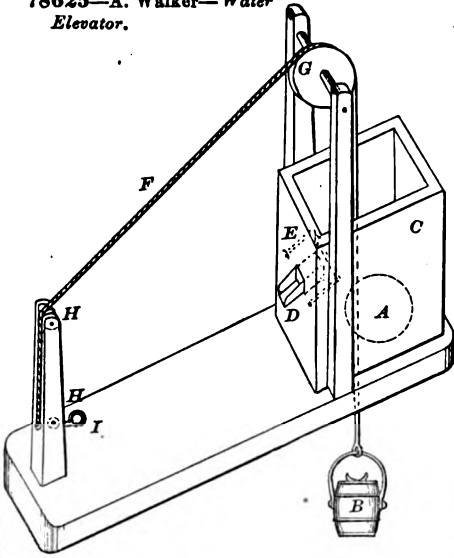


78619—L. C. Stuart—*Electro-Magnetic Engine*.

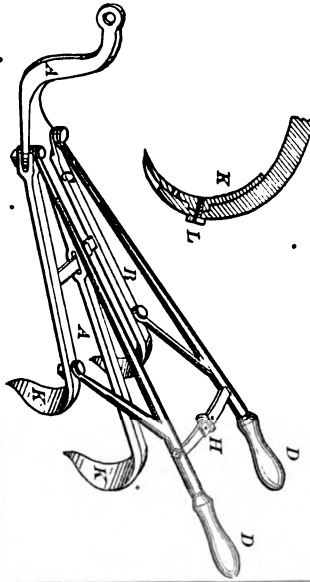


**78621—H. Fuller—Beehive.****78623—S. D. Wackman—For Grinding Mowing Machine Cutters.****78624—A. H. Wagner—Grinding Mill.**

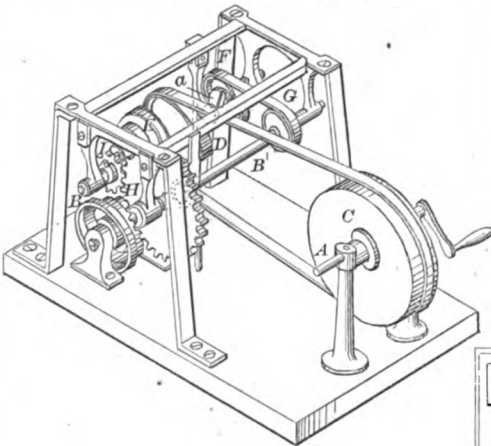
78625—A. Walker—Water Elevator.



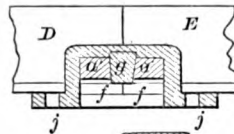
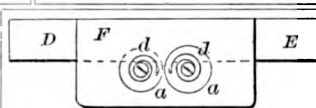
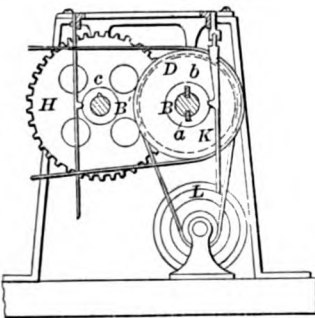
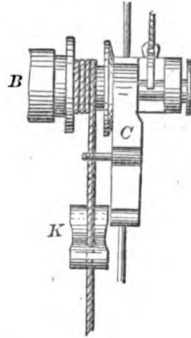
78626—W. Walton—Cultivator.



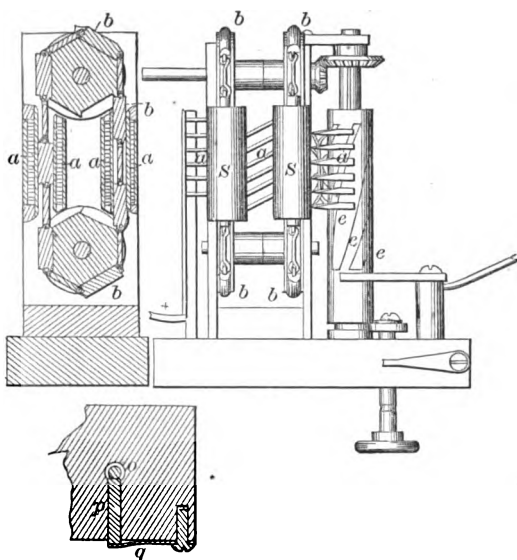
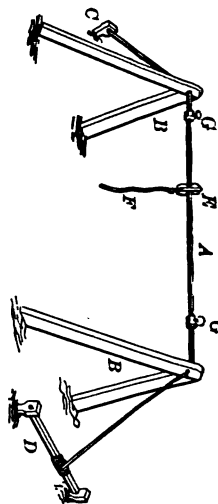
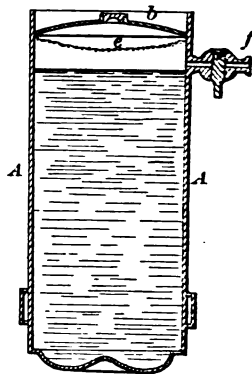
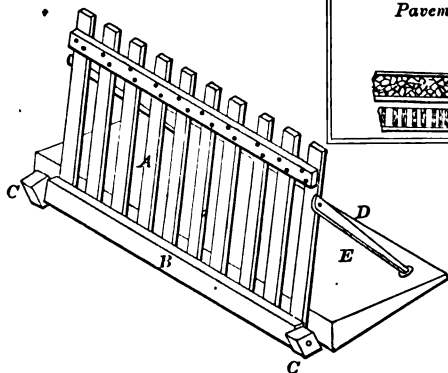
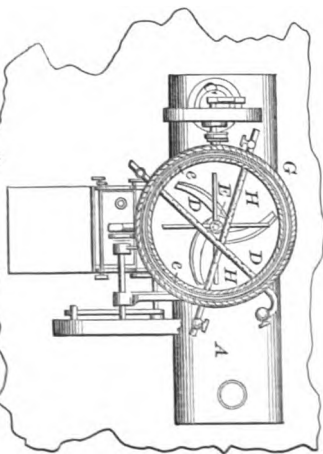
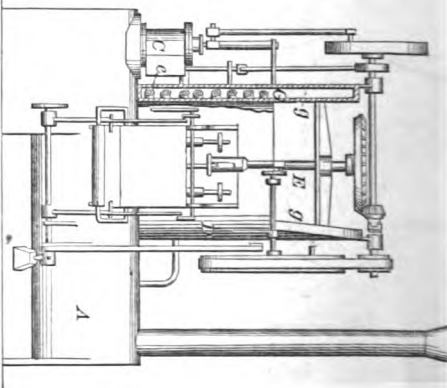
78627—H. C. Weihe—Counter Shafting.



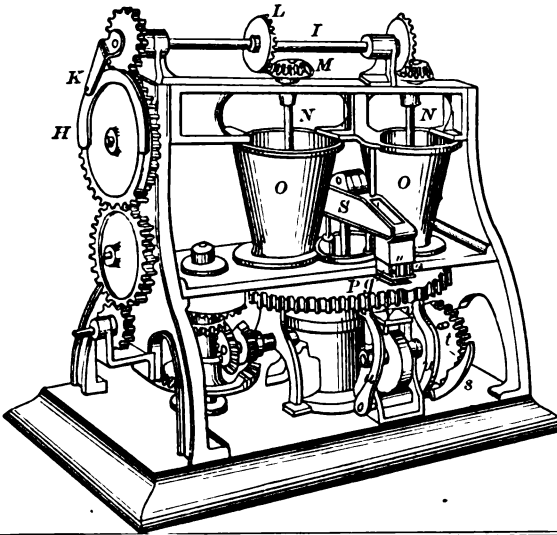
78628—White & Moeckel—Curtain Fixture.



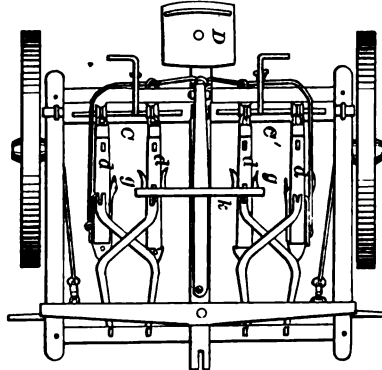
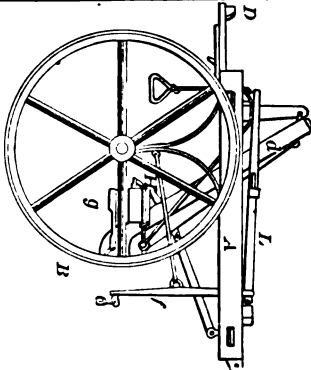
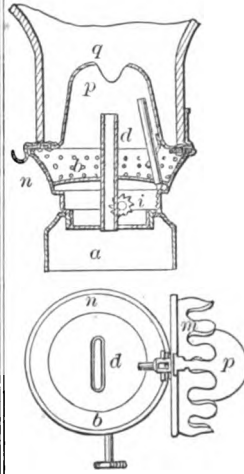
78630—W. Wickersham—Railway Rail Chair.

78629—W. Wickersham—*Electro-Magnetic Engine.*78031—J. Wilkinson—*Securing Uticle.*78636—W. Mullally—*For Extinguishing Fires.*78633—V. Wood—*Flood Fence.*78635—A. Wyckoff—*Pavement.*78632—C. A. Winn—*Brick Machine.*

78634—Wrightington & Rider—Brick Machine.

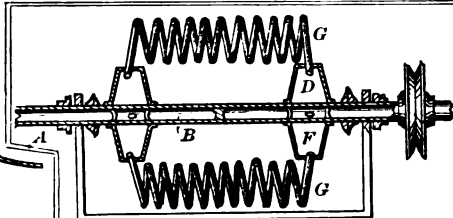
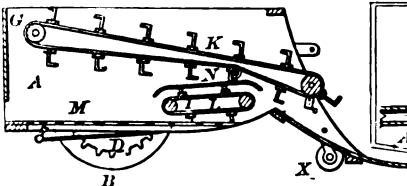
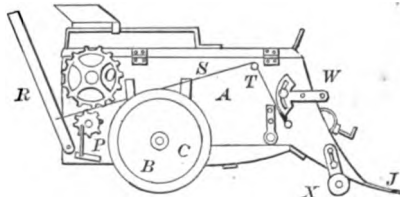
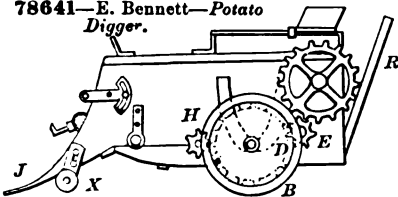


78637—L. J. Atwood—Lamp Burner.

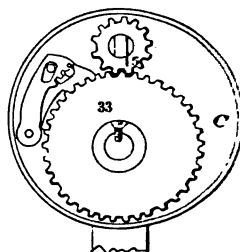
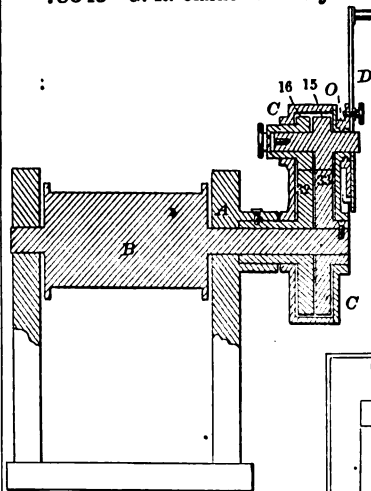
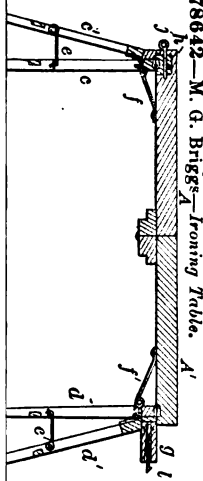
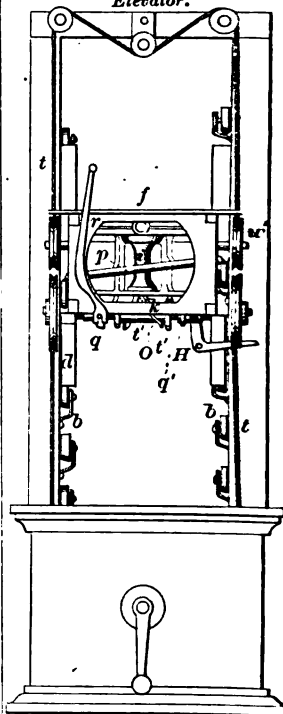
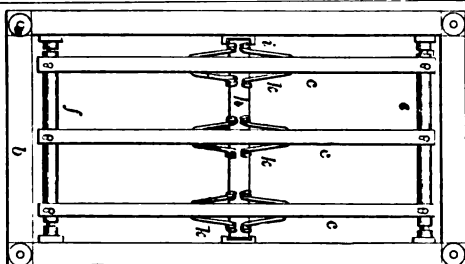
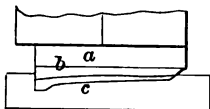
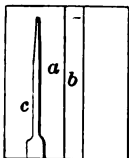
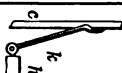
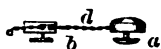
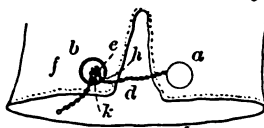
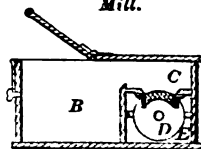
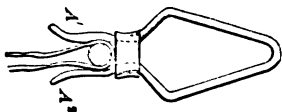
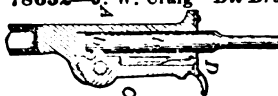


78638—G. E. Avery—Plow and Planter.

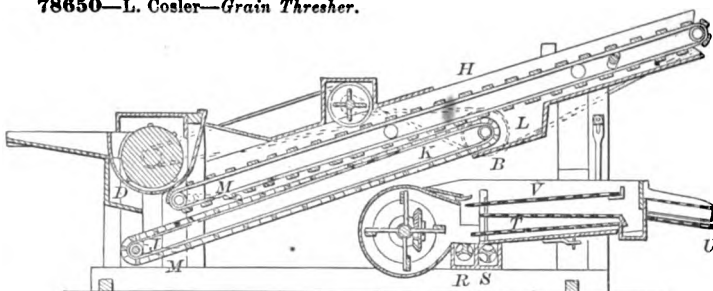
78641—E. Bennett—Potato Digger.



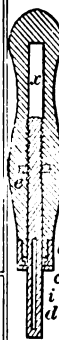
78639—P. J. Badoux—Evaporator.

78645—G. R. Clarke—*Hoisting Machine.*78646—G. R. Clarke—*Elevator.*78644—S. E. Chase—*Making Horse Shoe Nails.*78647—J. C. Clime—*Bedstead.*78649—I. Cole—*Glove Fastening.*78643—L. Chapin—*Cheese Hoop.*78648—I. F. Colby—*Coffee Mill.*78651—J. O. Couch—*Clothes Pin.*78652—J. W. Craig—*Bit Brace.*

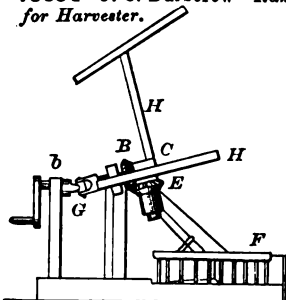
78650—L. Cosler—Grain Thresher.



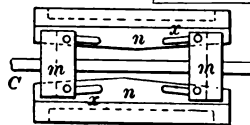
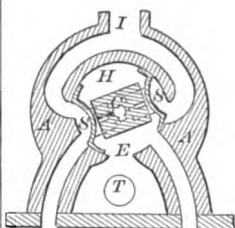
78653—P. Donoghue—Attaching Handles to Cross Cut Saws.



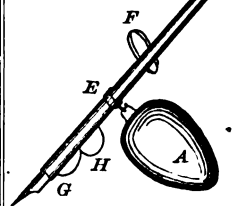
78654—J. C. Durborow—Rake for Harvester.



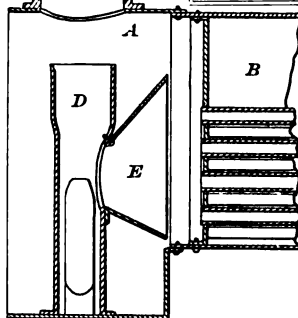
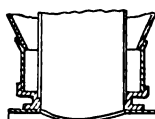
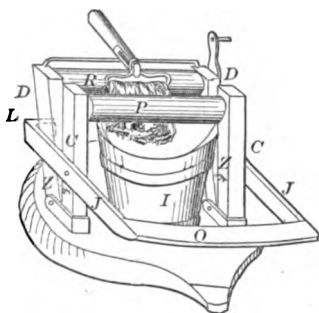
78656—Everitt & Cook—Oscillating Valve.



78655—H. G. Eastman—Pen Holder.

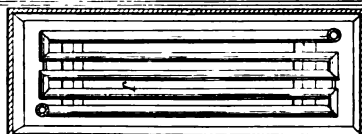
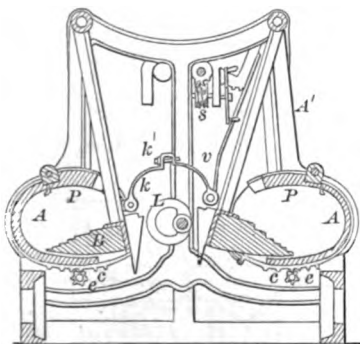


78657—J. Filkins—Mop Wringer.

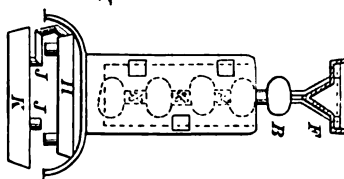


78658—W. G. Freeman—Petitecot Pipe for Locomotives.

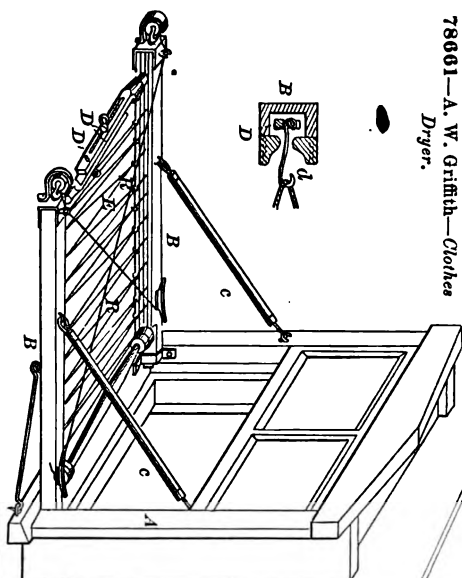
78660—E. Gessner—Fulling Mill.



78659—Fuchs & Luigart—Beer Cooler.

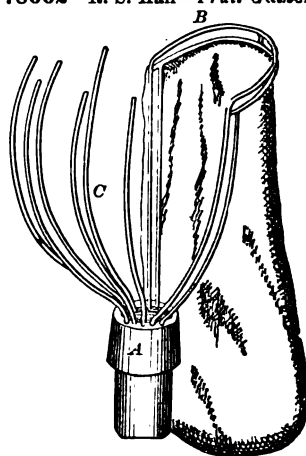




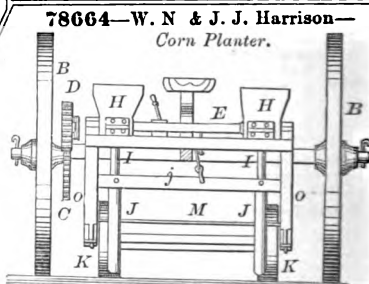
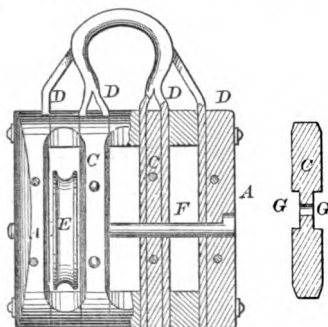


78661—A. W. Griffith—Clothes  
Dryer.

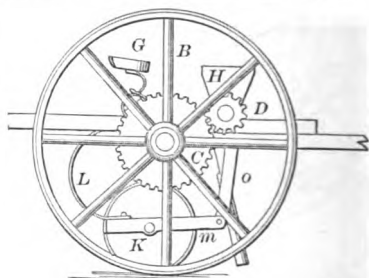
78662—R. S. Hall—Fruit Gatherer.



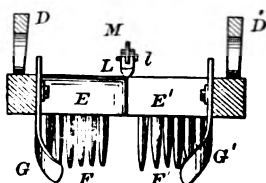
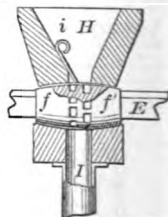
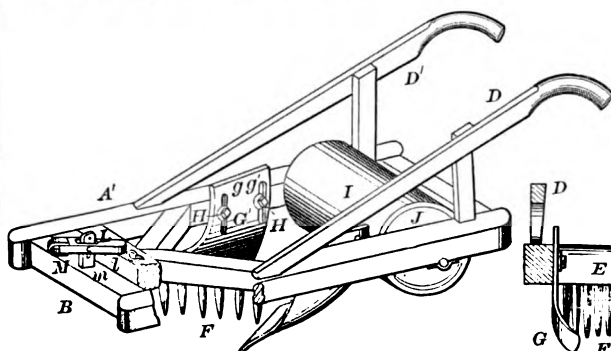
78663—J. F. Harcourt—Tackle Block.



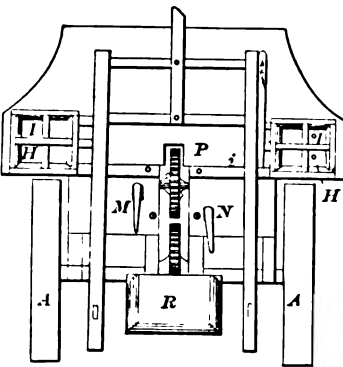
78664—W. N. & J. J. Harrison—  
Corn Planter.



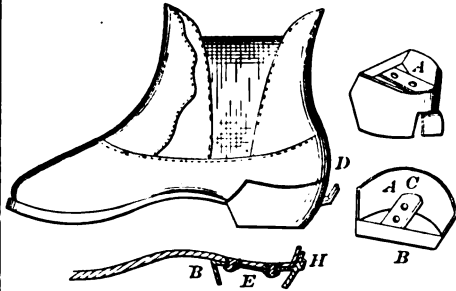
78665—J. D. Haynie—Corn Coverer.



78666—A. Hays—Seed Planter.



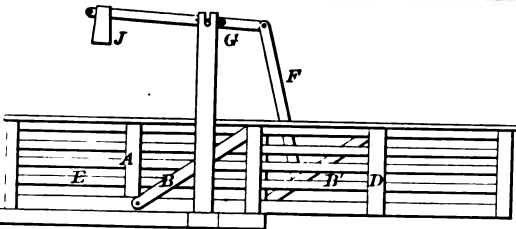
78667—R. Herr—Boot Heel.



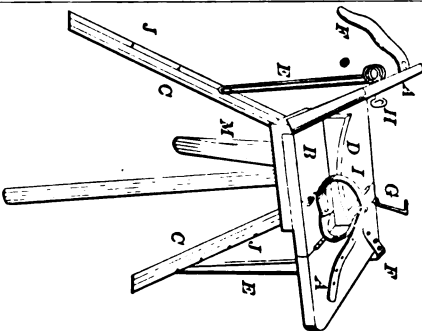
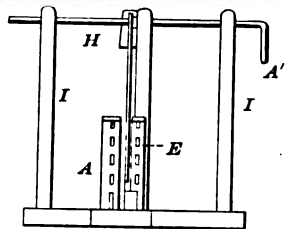
78668—Huot & Baudouin—Hat.



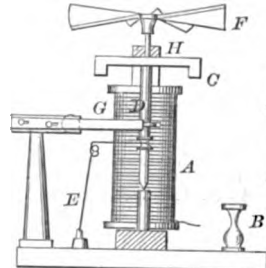
78670—T. W. Johnson—Farm Gate.



78669—D. S. Hutchison—Plate for Artificial Teeth.

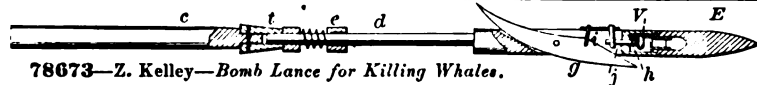
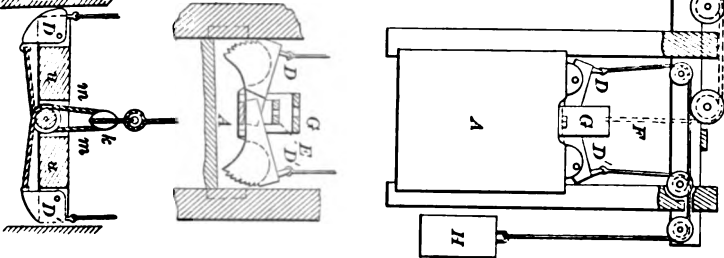


78671—W. C. Jones—Sheep Shearing Table.

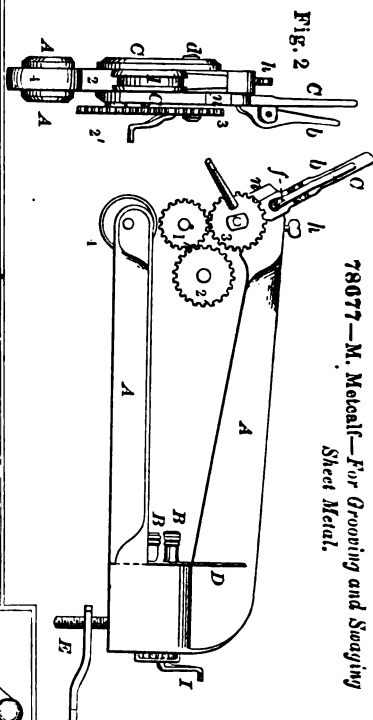


78674—C. T. Mason—Electric Fan for Lamps.

78675—J. V. & W. H. Merrick—Hoisting Apparatus.

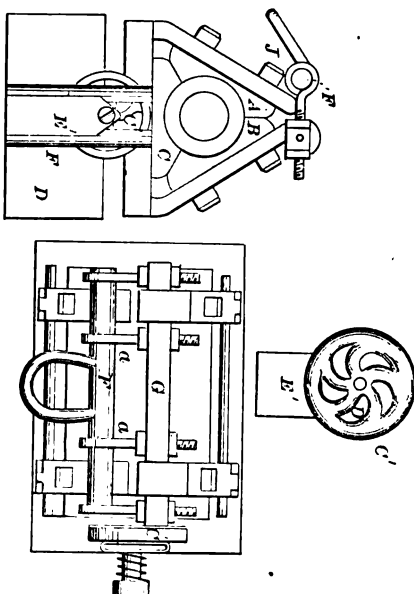


78673—Z. Kelley—Bomb Lance for Killing Whales.

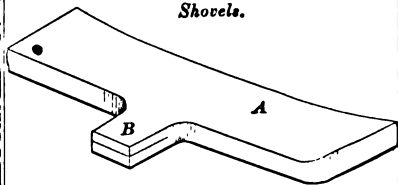


78077—M. Metcalf—For Grooving and Strapping Sheet Metal.

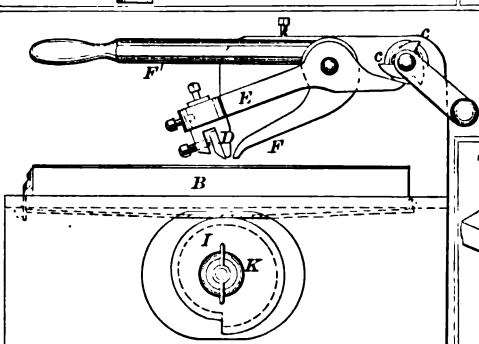
78676—E. H. & H. E. Merrill—For Making Bottles of Clay.



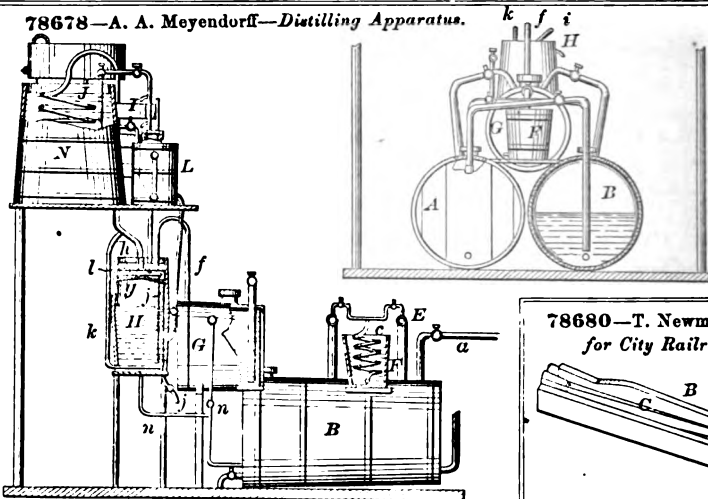
78670—H. M. Myers—Manufacture of Shovels.



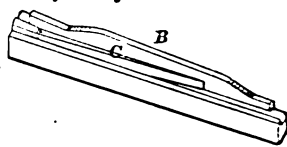
78681—W. T. Nicholson—For Cutting Files.



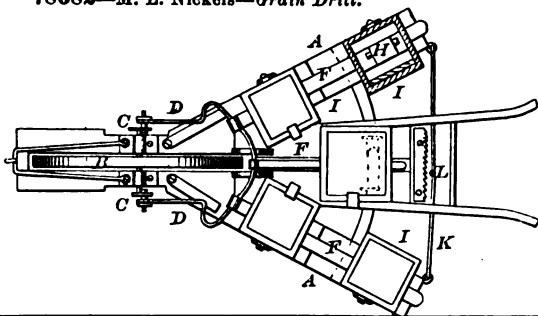
78678—A. A. Meyendorff—Distilling Apparatus.



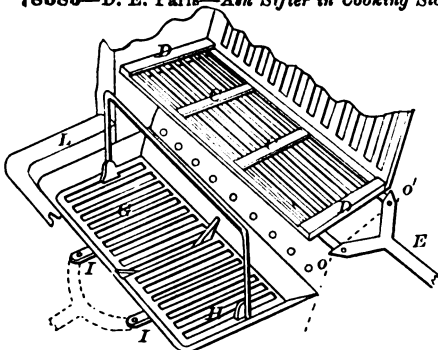
78680—T. Newman—Switch for City Railroads.



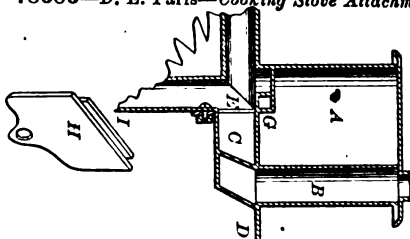
78682—M. L. Nickels—Grain Drill.



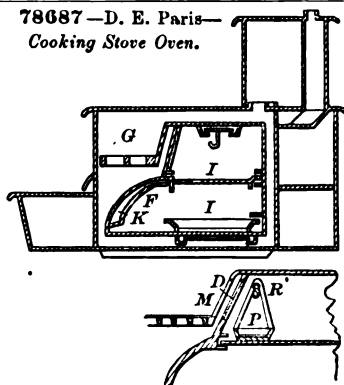
78685—D. E. Paris—Ash Sifter in Cooking Stoves.



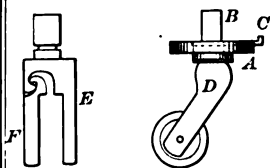
78686—D. E. Paris—Cooking Stove Attachment.



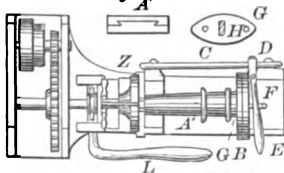
78687—D. E. Paris—Cooking Stove Oven.



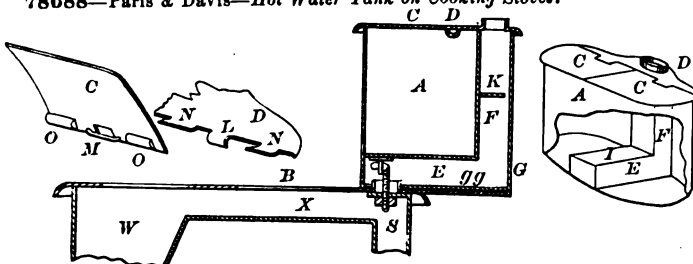
78690—J. W. Pugh—Caster.



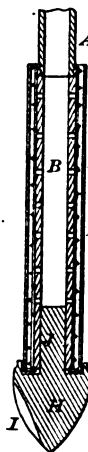
78684—W. W. Norton—For Threading Thimble Skeins.

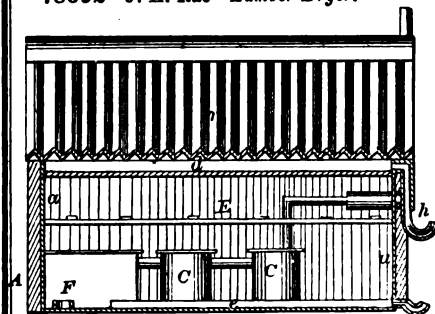
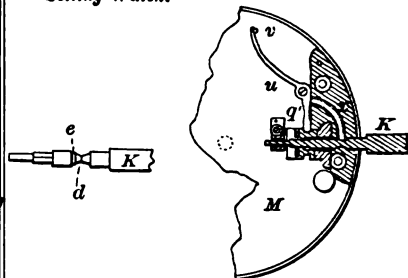
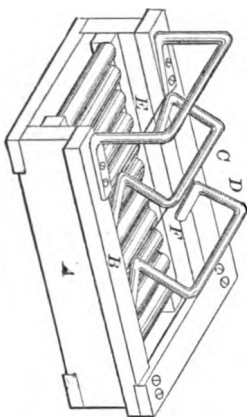
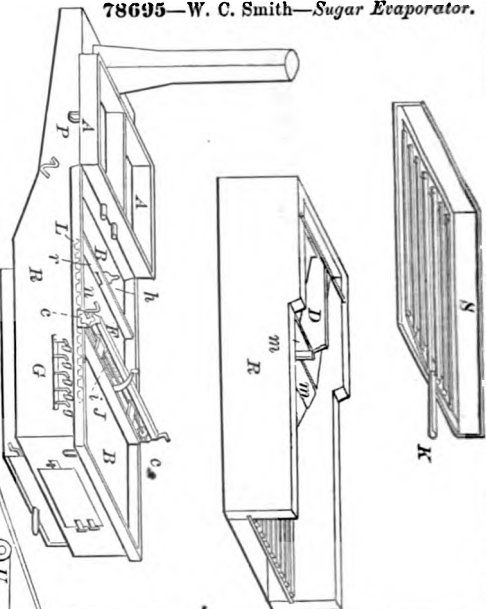
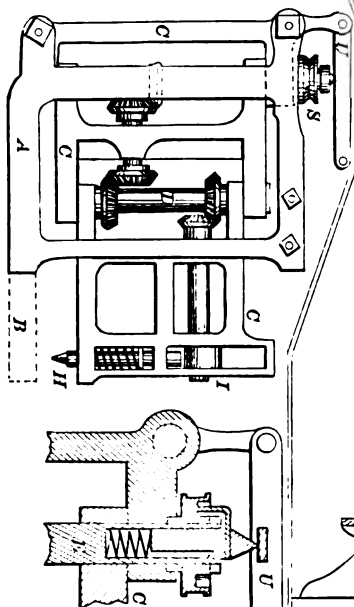
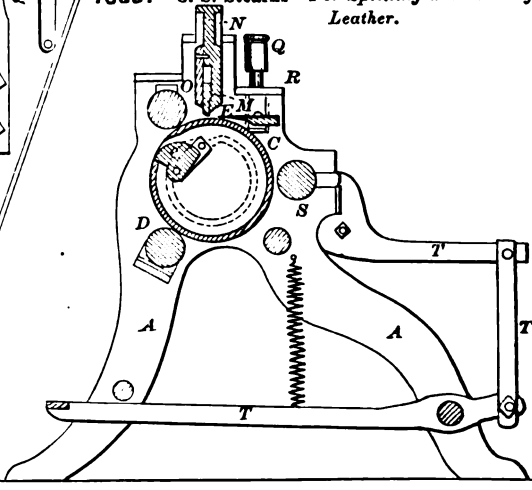


78688—Paris & Davis—Hot Water Tank on Cooking Stoves.



78689—A. B. Parsons—Tube Well.

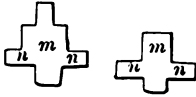


**78692—J. H. Rao—Lumber Dryer.****78693—Rice & Gerry—Stem Winding and Setting Watch.****78694—J. Shollberger—Tile Cutting Machine.****78695—W. C. Smith—Sugar Evaporator.****78696—C. S. Stearns—For Cutting Leather.****78697—C. S. Stearns—For Splitting and Rolling Leather.**

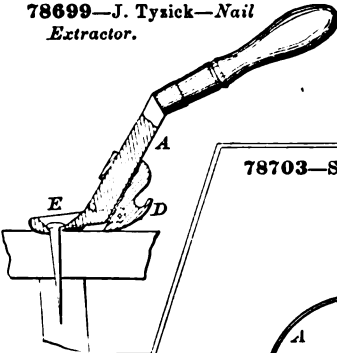
**78698—A. Tower—Pen and Pencil Holder.**



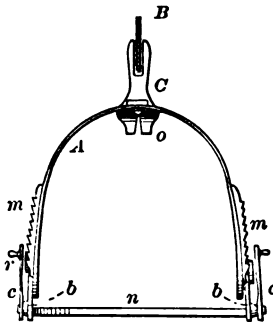
**Fig. 1 b**



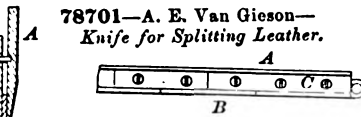
**78699—J. Tysick—Nail Extractor.**



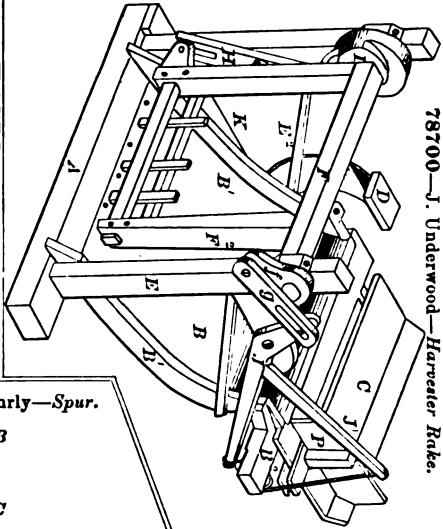
**78703—S. Wehrly—Spur.**



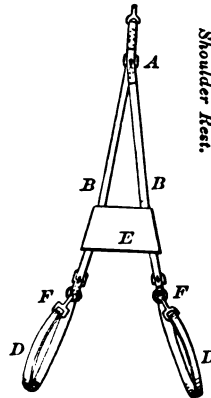
**78701—A. E. Van Gieson—Knife for Splitting Leather.**



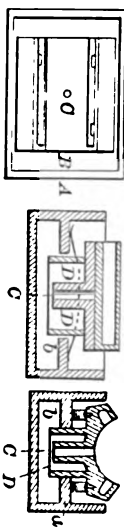
**78700—J. Underwood—Harvester Rate.**



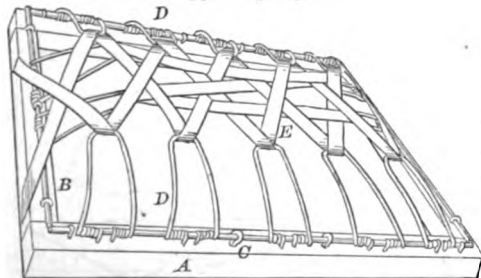
**78702—A. V. W. Van Vechen—Head and Shoulder Rest.**



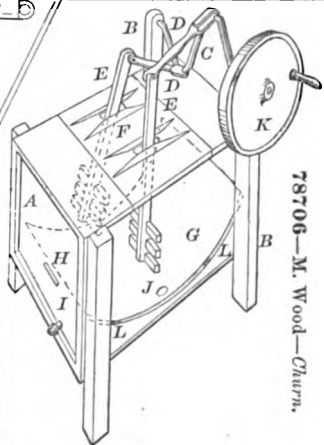
**78704—L. P. Wendell—Lubricating Journal of Car Shafts.**



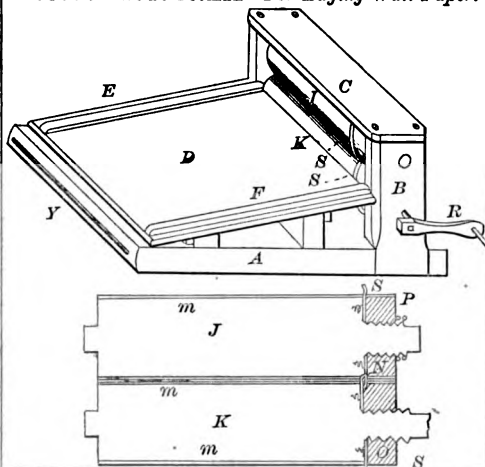
**78705—J. L. Whipple—Spring Seat.**



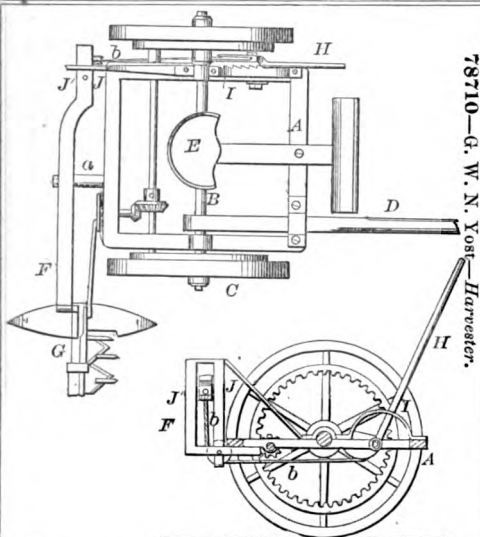
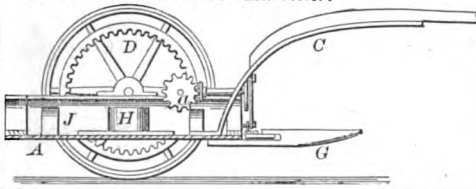
**78706—M. Wood—Churn.**



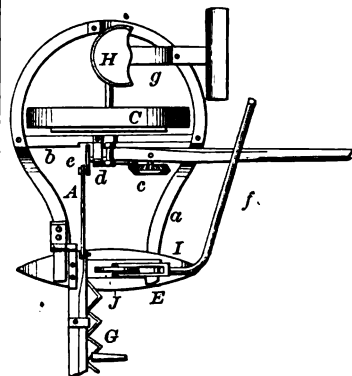
78707—W. P. Yeoman—For Edging Wall Paper.



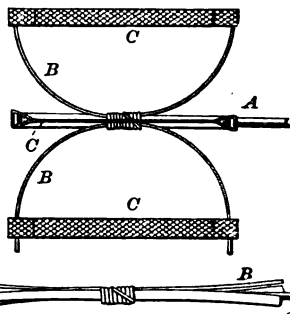
78709—G. W. N. Yost—Harvester.



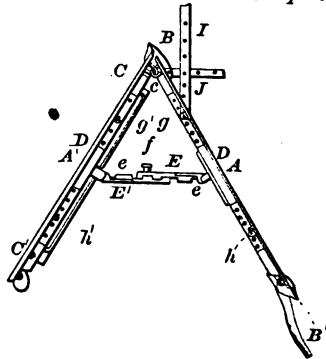
78710—G. W. N. Yost—Harvester.



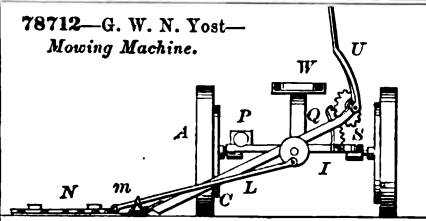
78711—G. W. N. Yost—Harvester Reel.



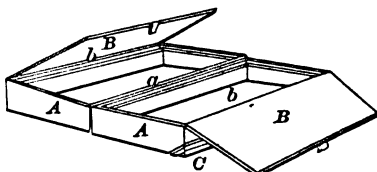
78713—N. E. Yost—Road Scraper.

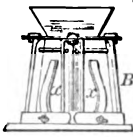


78712—G. W. N. Yost—Mowing Machine.

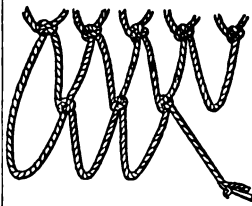
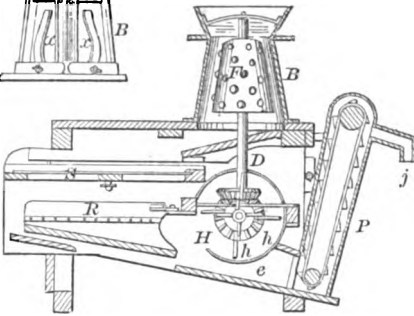


78715—W. Armour—Paper Box.





78714—J. C. Zimmerman—*Corn Sheller.*



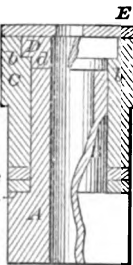
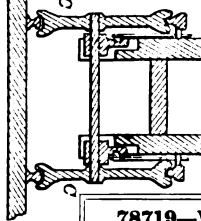
78716—B. Arnold—*Fishing Net.*



78718—W. Blay—*Pick Handle.*

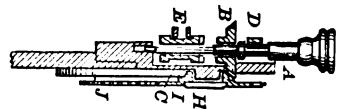
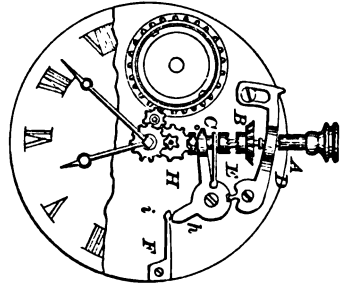


78723—*R. d'Heureuse—  
Railway Brake.*

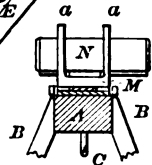
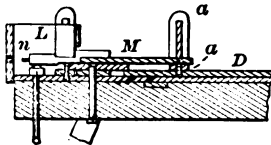
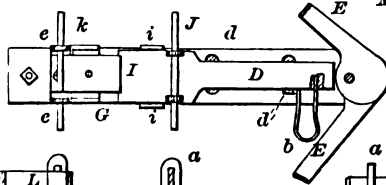


78717—J. Binns—*Flue Block.*

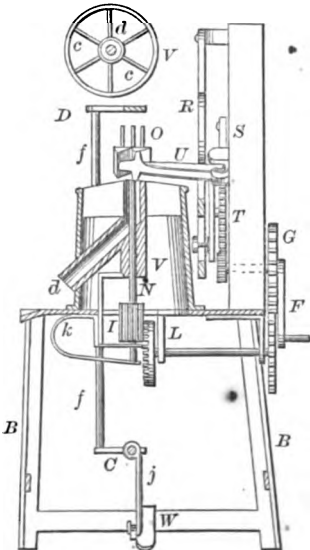
78720—E. Châtelain—*Watch.*



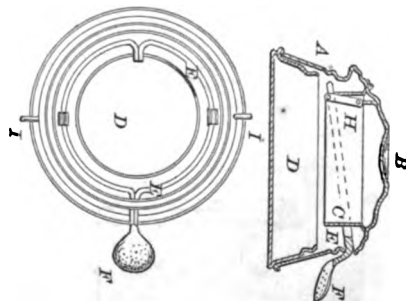
78719—W. Britton—*Tire Shrinking and Punching Machine.*



78721—A. Clark—*Apple Parer, Corer and Slicer.*

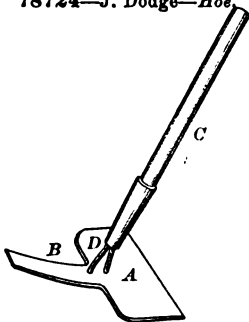


78722—E. Detwiler—*Spittoon.*

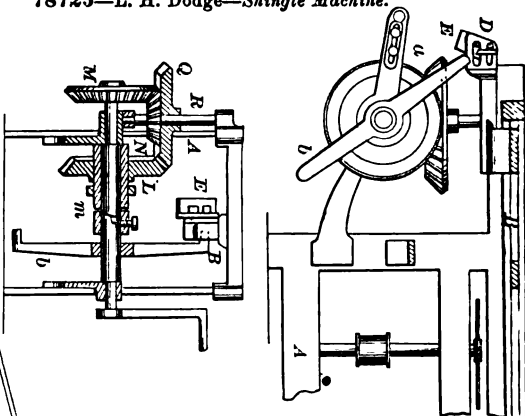




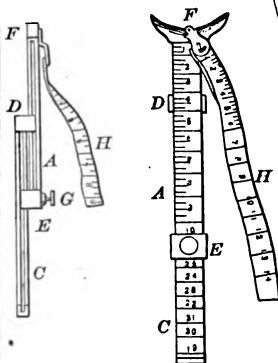
78724—J. Dodge—Hoe.



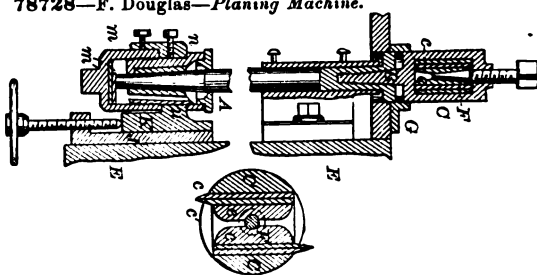
78725—L. H. Dodge—Shingle Machine.



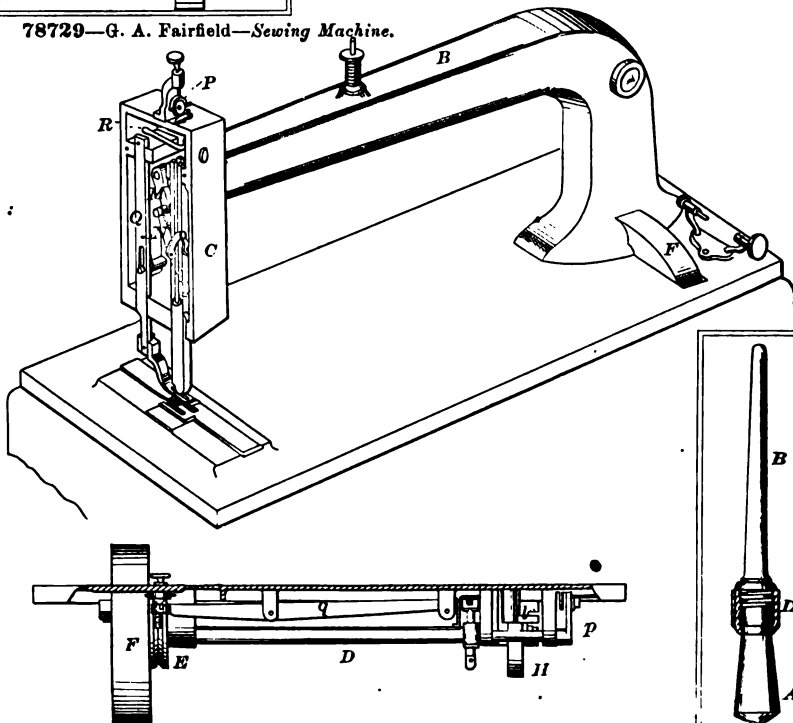
78726—P. W. Dolan—Rule.



78728—F. Douglas—Planing Machine.



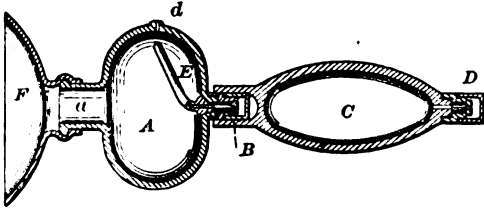
78729—G. A. Fairfield—Sewing Machine.



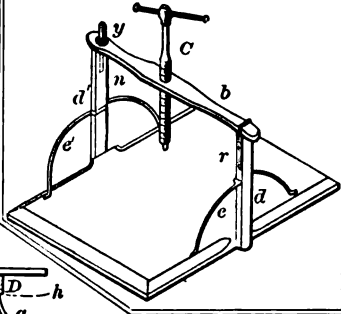
78727—J. F. W. Dorman—Brush.



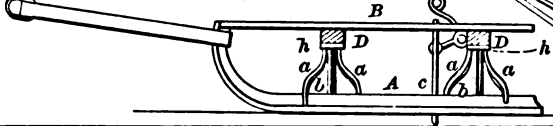
78731—W. T. Fry—*Breast Pump.*



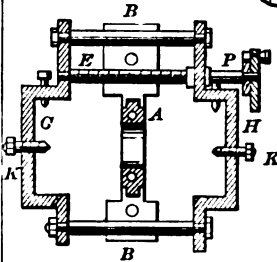
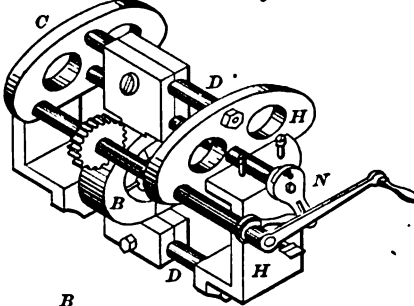
78738—H. Henley—*Press.*



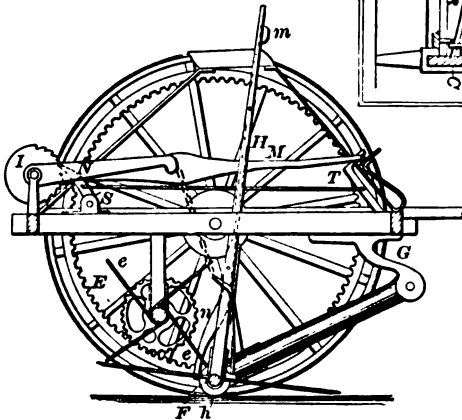
78737—C. Heald—*Sleigh.*



78733—T. A. Goff—*For Turning Wrist Pins &c.*



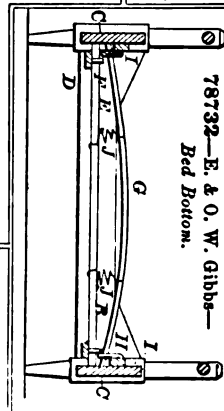
78735—E. R. Hall—*Horse Hay Rake.*



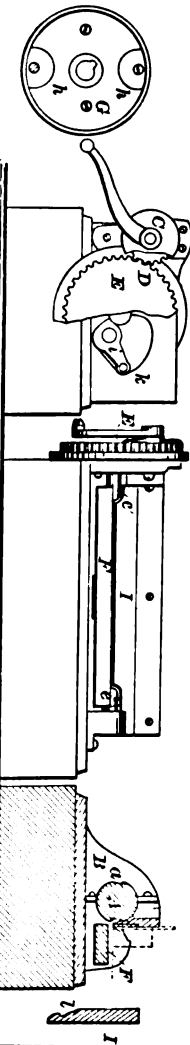
78736—L. Hays—*Pad Biller.*

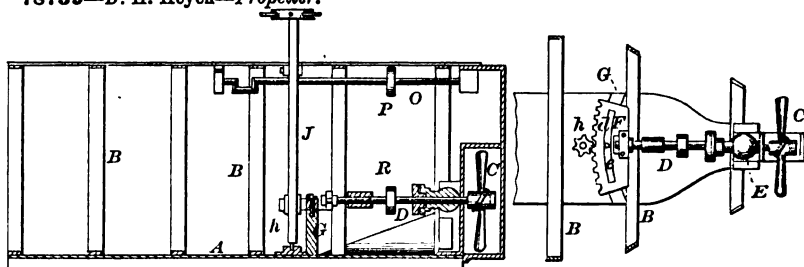
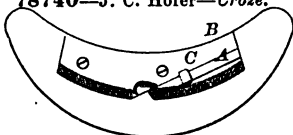
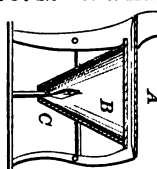
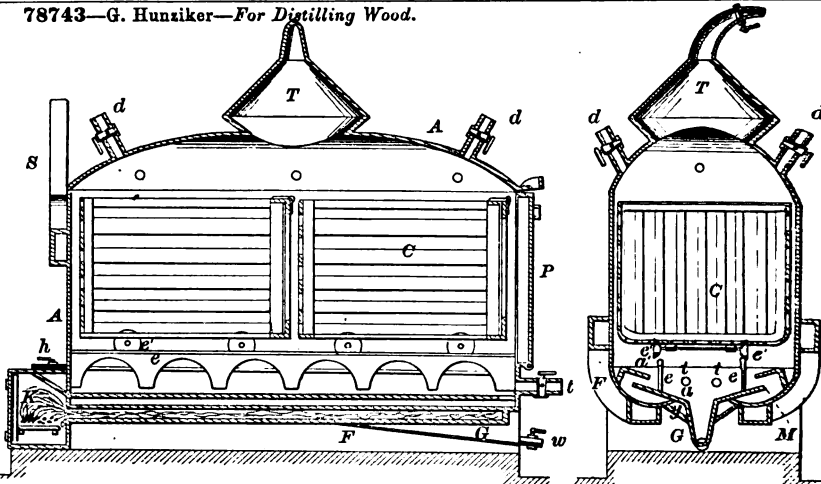
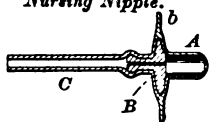
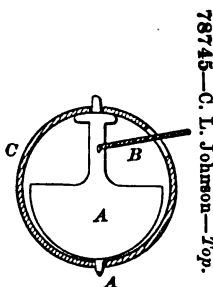
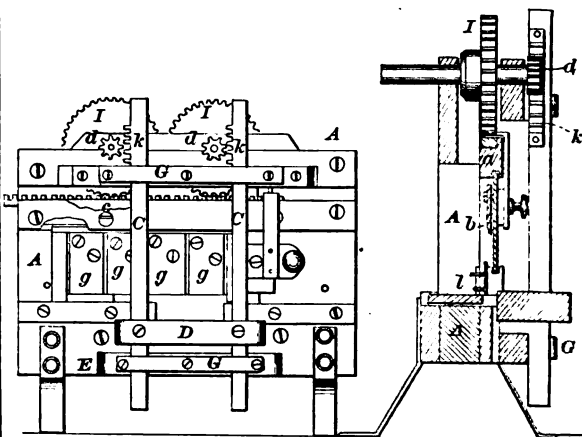


78732—E. & O. W. Gibbs—*Bed Bottom.*

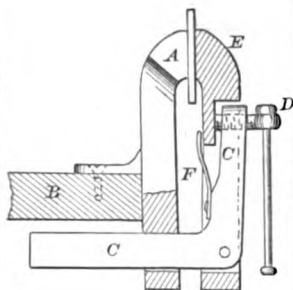


78734—G. H. Goldsmith—*Sheet Metal Folding Machine.*

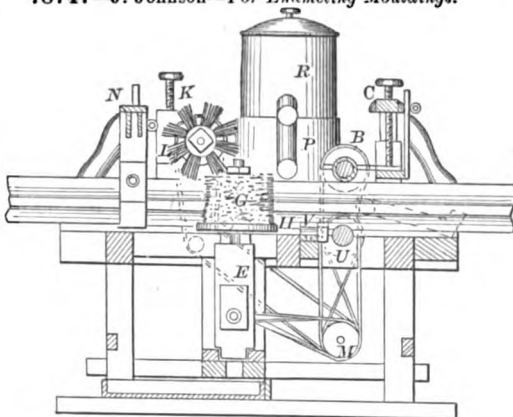


78739—D. H. Heyen—*Propeller.*78740—J. C. Hofer—*Croze.*78742—C. S. Hunt—*Heating Device for Chairs, &c.*78743—G. Hunziker—*For Distilling Wood.*78741—F. H. Holton—*Nursing Nipple.*78744—L. Jennings—*Shingle Machine.*78745—C. L. Johnson—*Top.*

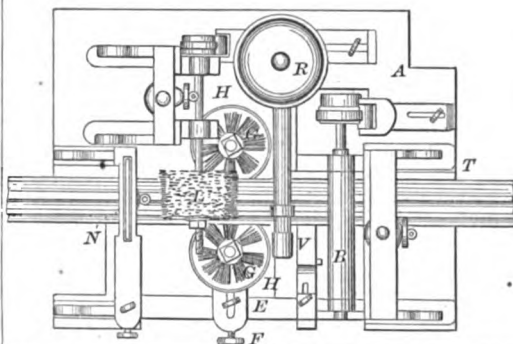
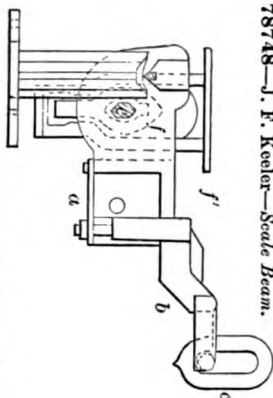
78746—F. B. Johnson—Vise.



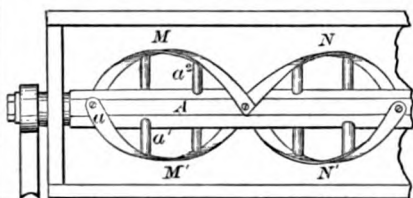
78747—J. Johnson—For Enameling Mouldings.



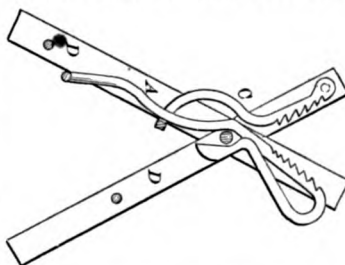
78748—J. F. Keeler—Scale Beam.



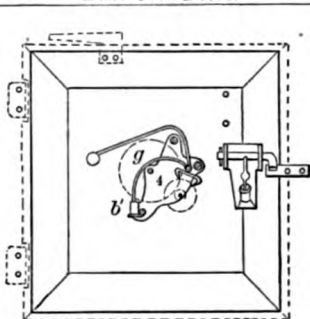
78749—J. D. Kellogg, Jr.—Churn Dasher.



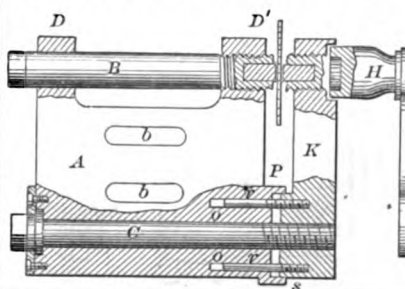
78750—F. W. Mansfield—Saw Horse.



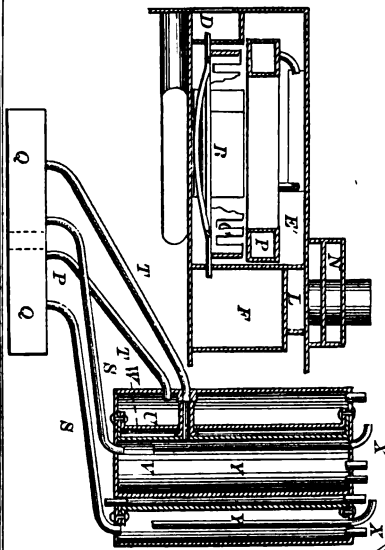
78754—S. Morton—Attachment for Bake Oven Doors.



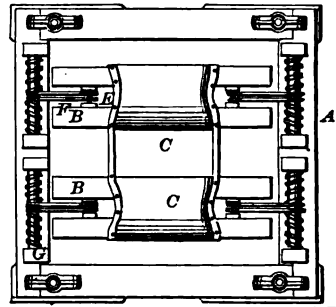
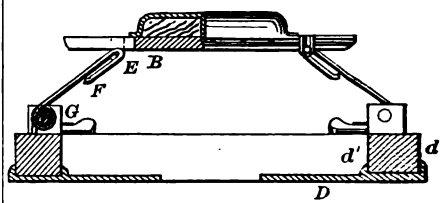
78752—T. Milner—Circular Saw Guide.



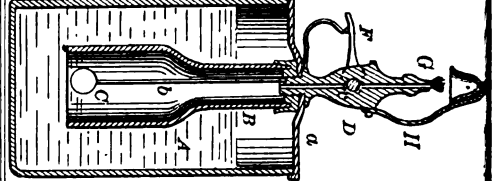
78751—J. McCloskey—Cooking Range.



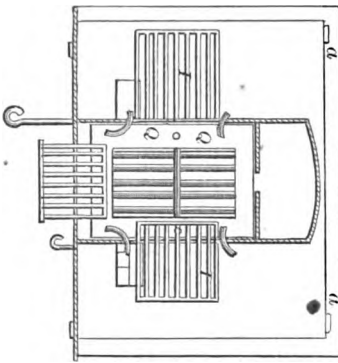
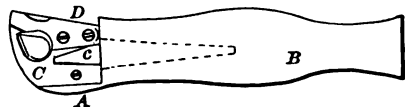
78753—Moore &amp; De Bow—Bed Bottom.



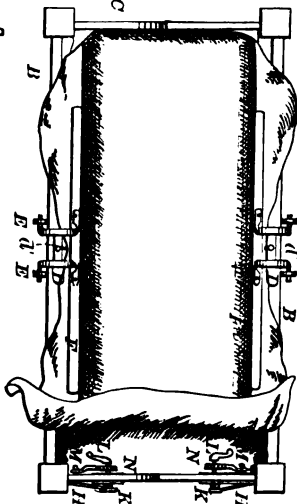
78755—G. Müller—Self-Lighting Lamp.



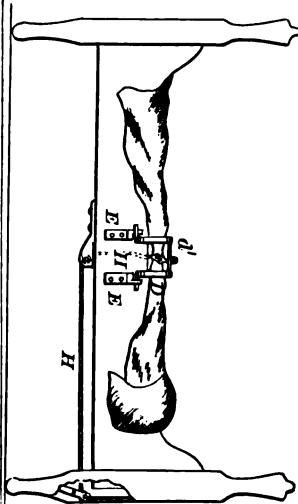
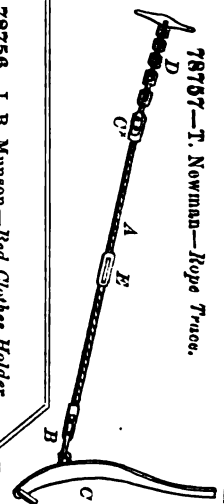
78758—M. Packard—Self-Edge Plane.



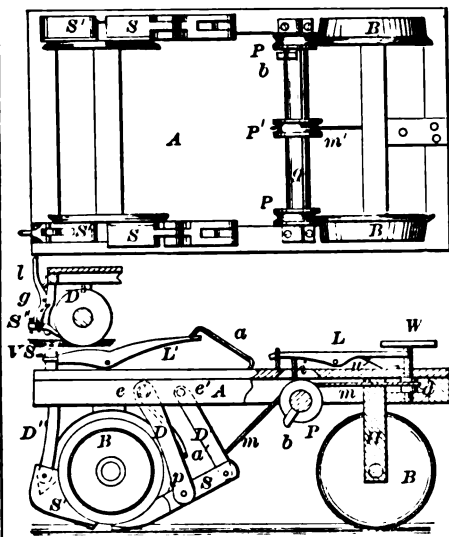
78756—J. B. Munson—Bed Clothes Holder.



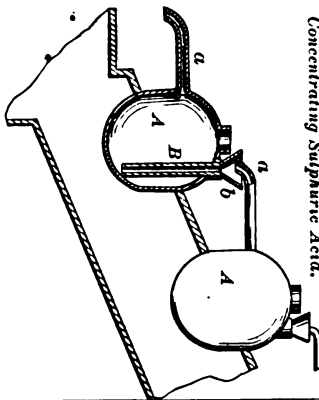
78757—T. Newnam—Hoye Truss.



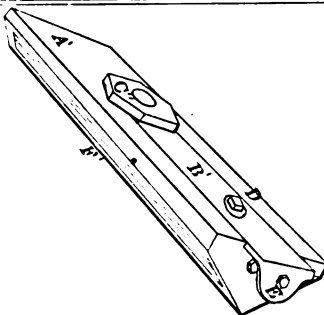
**78759—W. T. Parsons—Car Brake.**



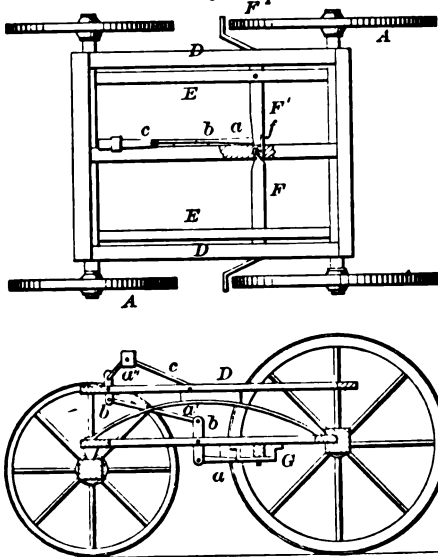
**78760**—Perin & Saunders—*Retort for Concentrating Sulphuric Acid.*



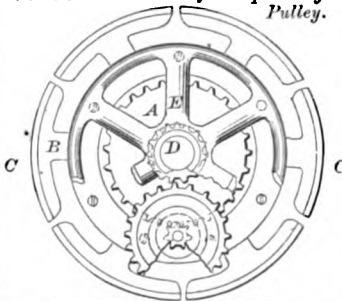
78761—A. H. Rhodes—*Gib.*



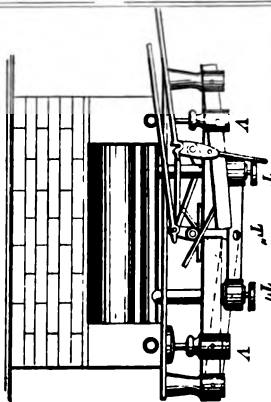
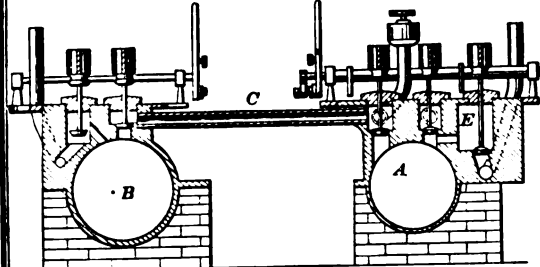
**78762—R. Rice—Wagon and Carriage Brake.**



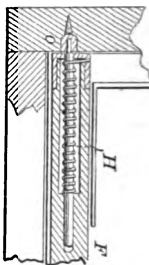
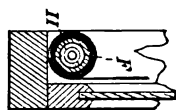
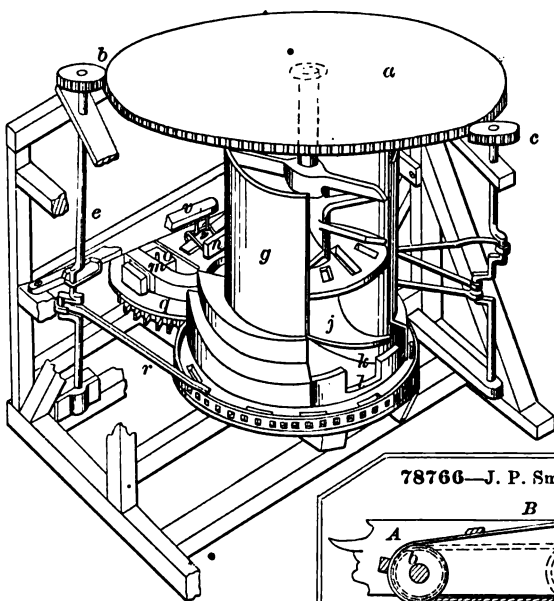
**78763—T. H. Savery—Expanding Pulley.**



**78764—A. Seely—Steam Engine Valve Gear.**

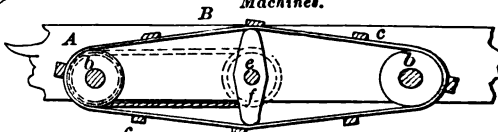


78765—D. Smith—Brick Machine.

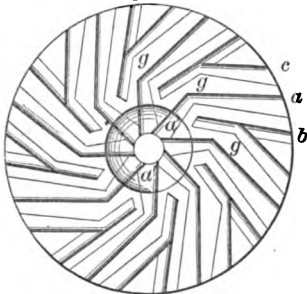


78767—K. Spaulding—Mouquin Screen.

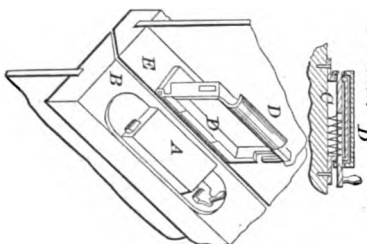
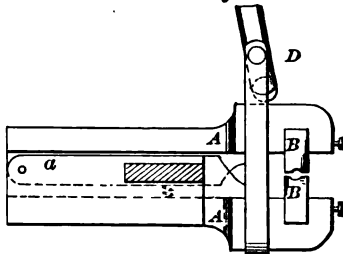
78766—J. P. Smith—Shaker for Threshing Machines.



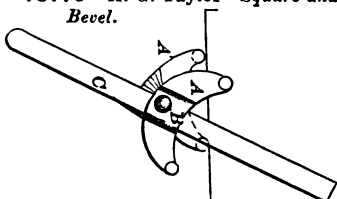
78768—H. L. Spencer—Mill Stone Dress



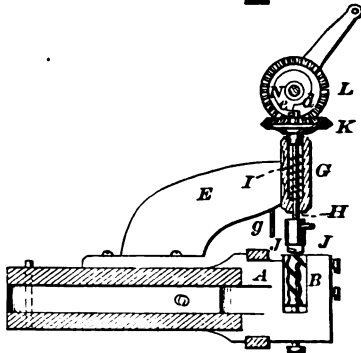
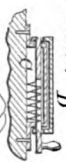
78769—J. Swan—Auger and Bit.



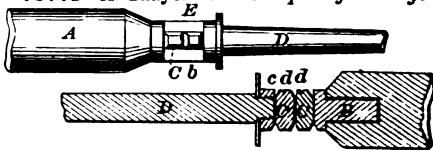
78770—H. G. Taylor—Square and Bevel.



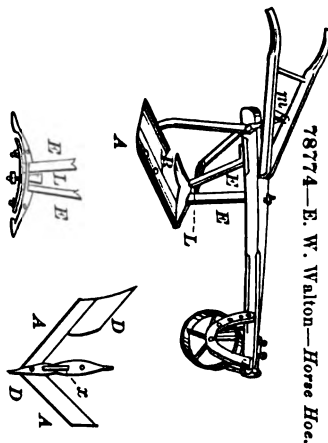
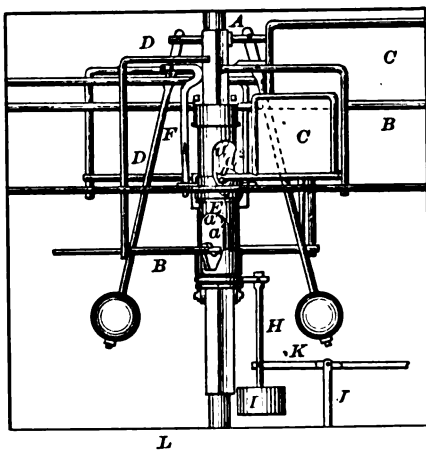
78772—R. Thomas—Steel Fastener, D



78771—A Thayer—For Sharpening Cutlery.

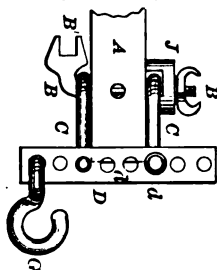


78773—G. J. Thorn—Wind Mill.

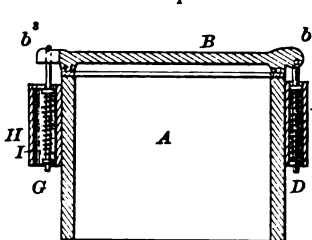


78774—E. W. Walton—Horse Hoe.

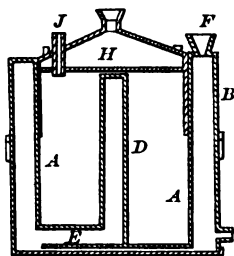
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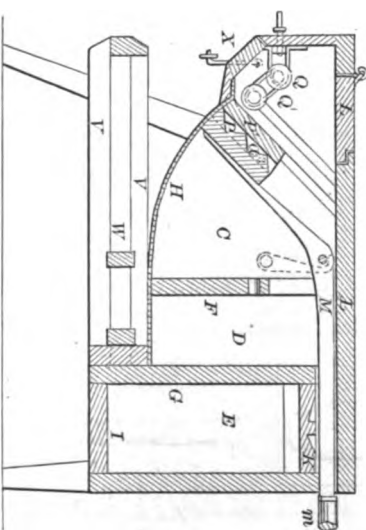
78776—W. Werts—Car Axle Cap.



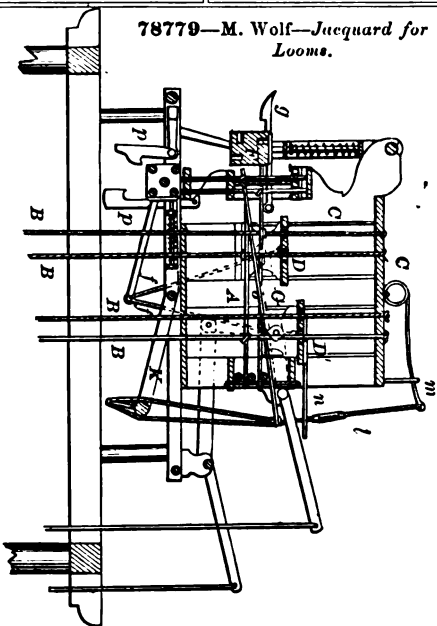
78777—White & King—Refrigerating Milk Can.



78778—Wilms & Wolfe—Dough Kneader.

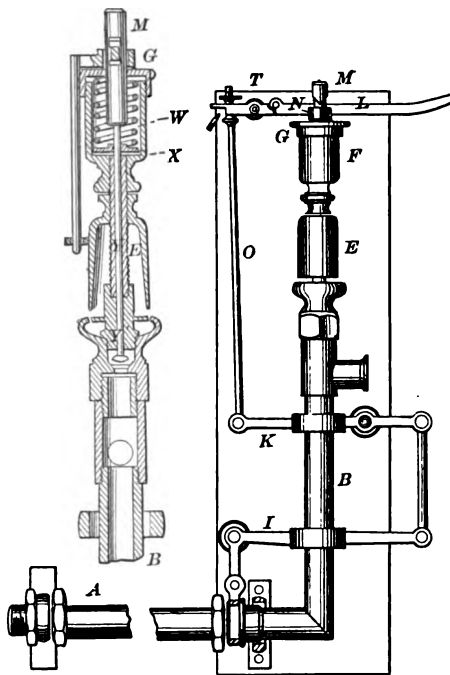


78779—M. Wolf—Jacquard for Looms.

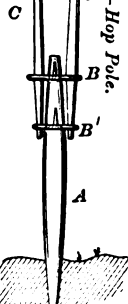
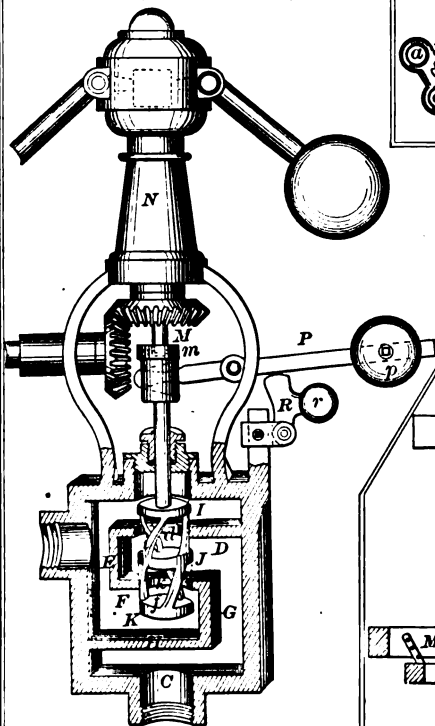




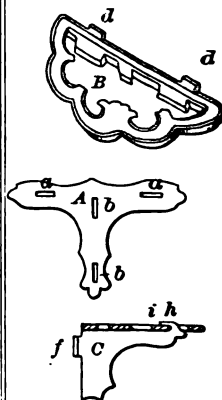
78781—T. P. Akers—Boiler Indicator.



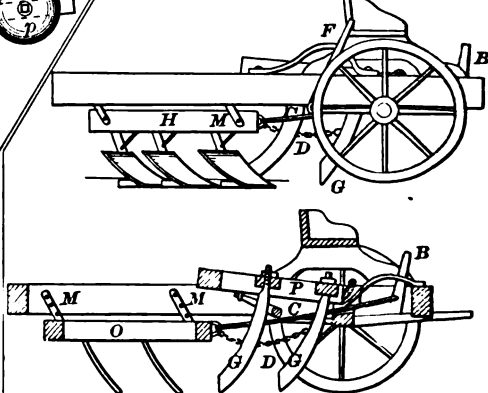
78782—W. Bellia—Governor.



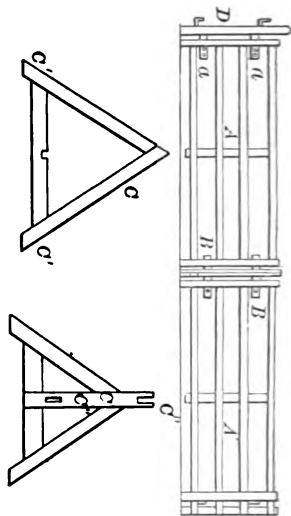
78784—P. Bradford—Bracket.



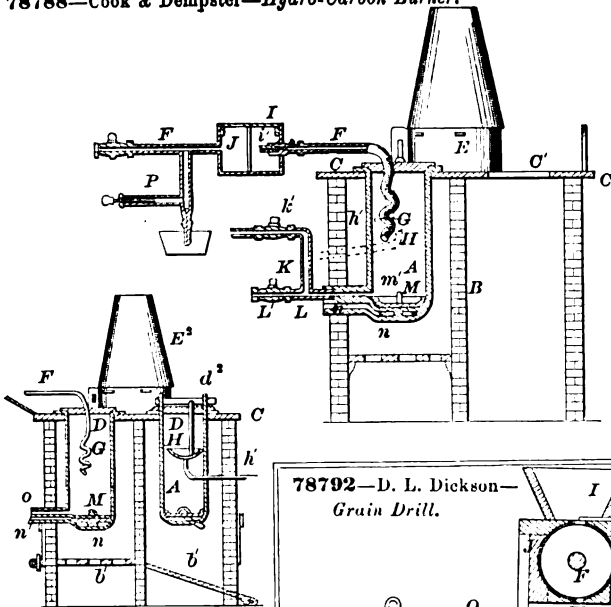
78785—Brown &amp; Gerth—Plow.



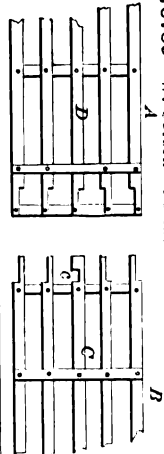
78783—L. W. Bosart—Portable Fence.



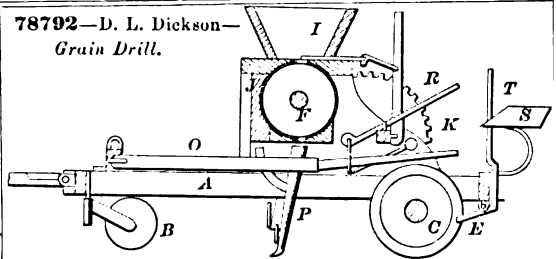
**78788—Cook & Dempster—Hydro-Carbon Burner.**



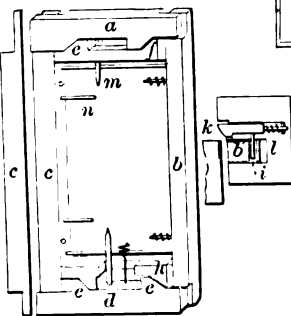
**78789—W. Corson—Portable Fence.**



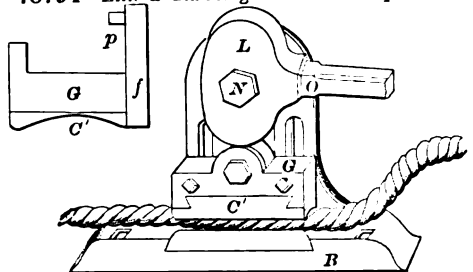
**78792—D. L. Dickson—Grain Drill.**



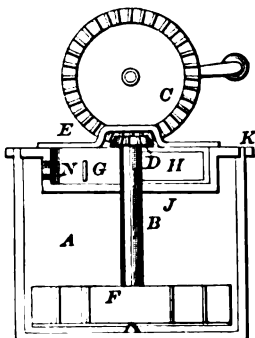
**78790—J. Cross—Weather Strip.**



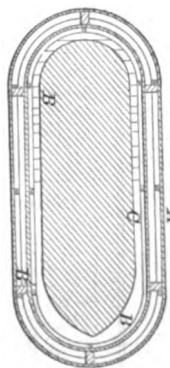
**78794—Ellis & Gladding—Hauger Clamp.**



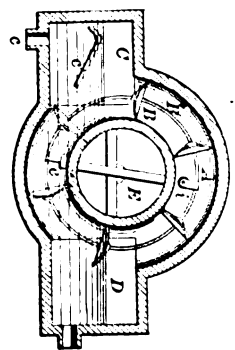
**78791—S. T. Curtiss—Churn.**



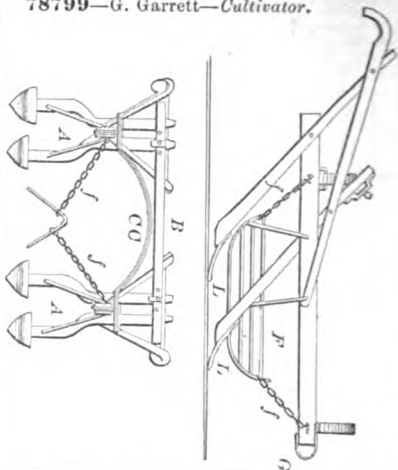
**78793—J. B. Eads—Sub-Aqueous Foundation.**



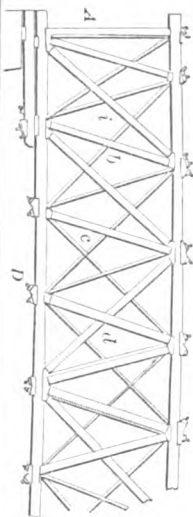
**78795—H. Flad—Water Meter.**



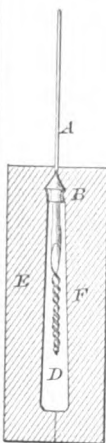
78799—G. Garrett—Cultivator.



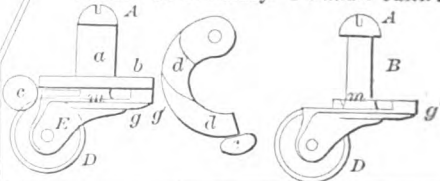
78797—J. Foreman—Truss Framed Bridge.



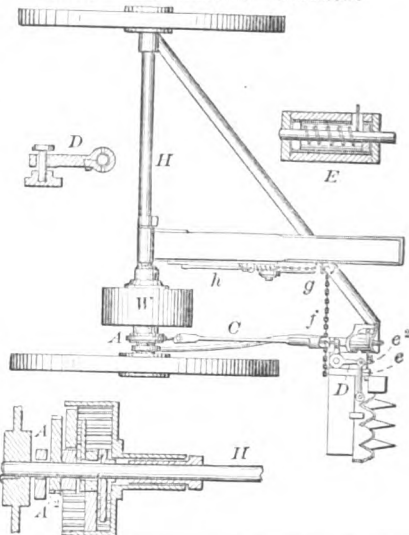
78796—J. Flood—Attaching Handles to Cutlery.



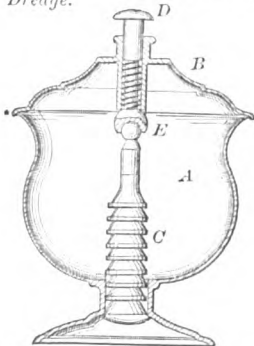
78798—E. E. Furney—Furniture Caster.



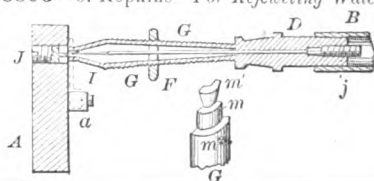
78800—W. F. Goodwin—Harvester.

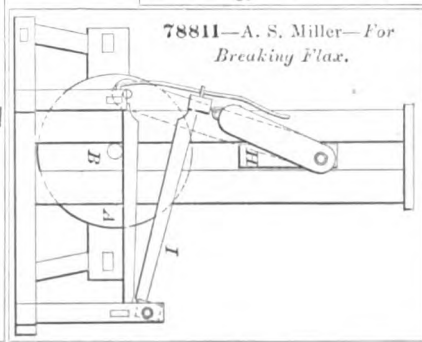
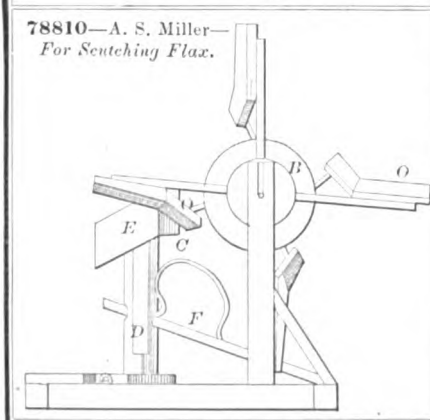
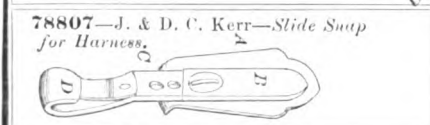
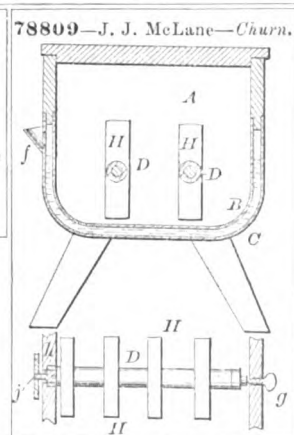
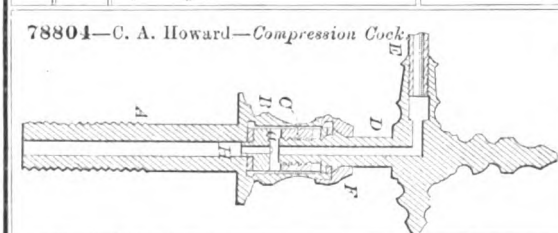
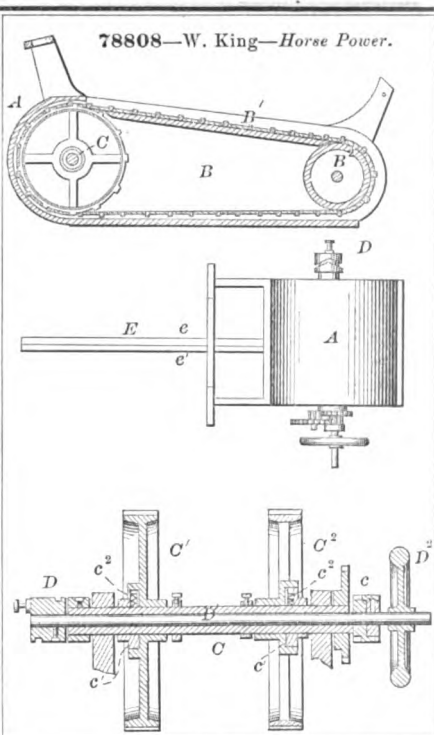
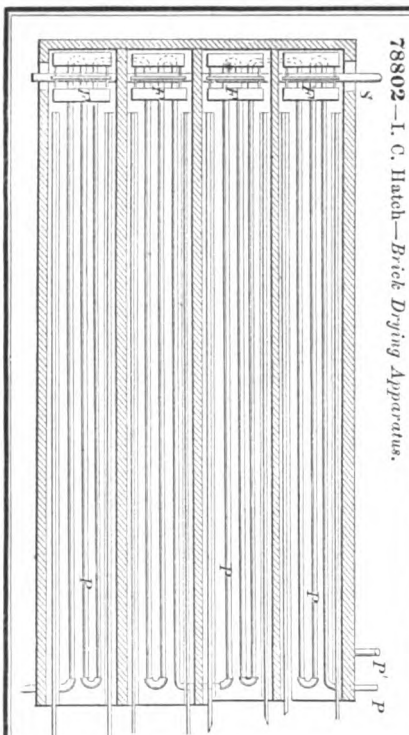


78805—G. Jones—Sprinkler and Dredge.

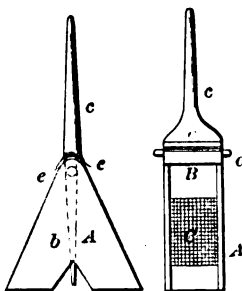


78803—C. Hopkins—For Rejeweling Watches.

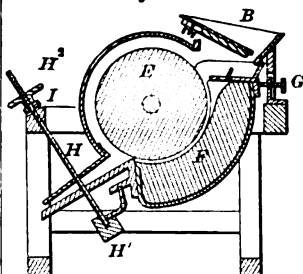
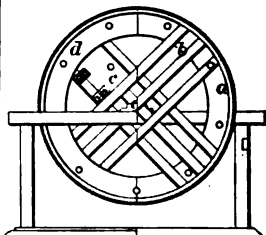




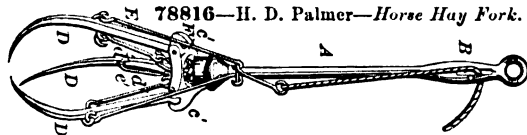
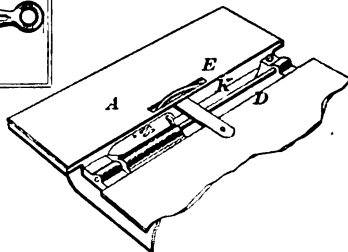
78812—S. Mills—Churn.



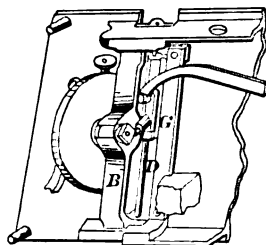
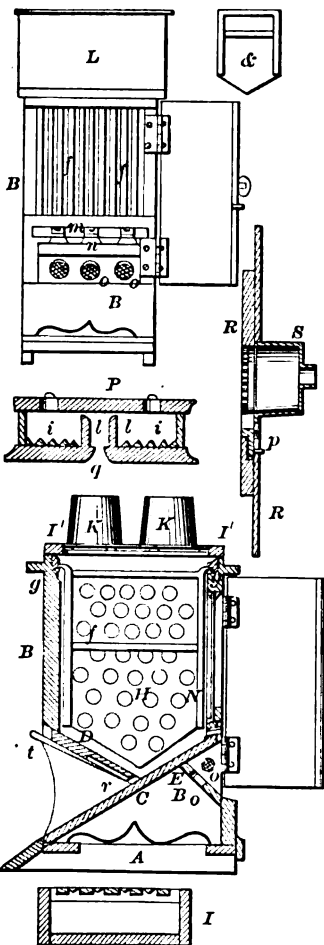
78814—J. P. Moore—Grinding Mill.

78815—H. Muller—For  
• Stuffing Leather.

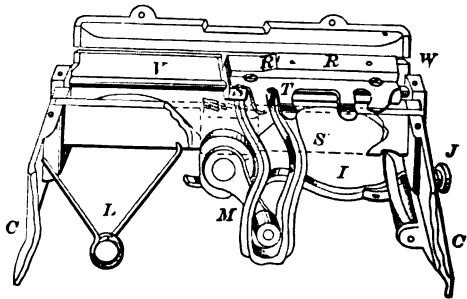
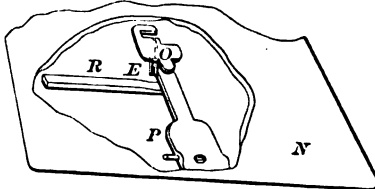
78816—H. D. Palmer—Horse Hay Fork.

78817—C. Parham—Sewing  
Machine.

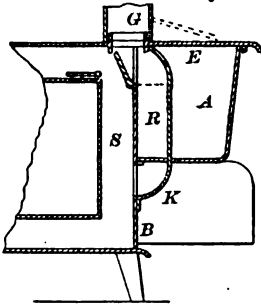
78813—F. Moore—Beehive.



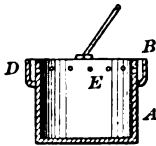
78818—C. Parham—Sewing Machine.



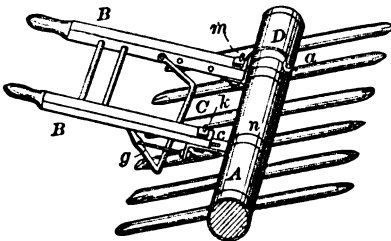
78819—D. E. Paris—Hot Water Tank on Cooking Stoves.



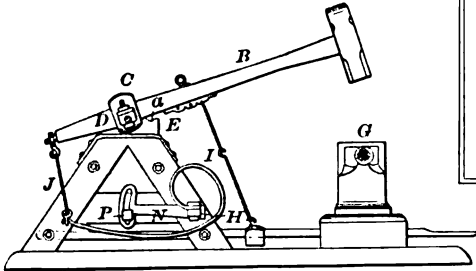
78823—H. H. Pember—Kettle.



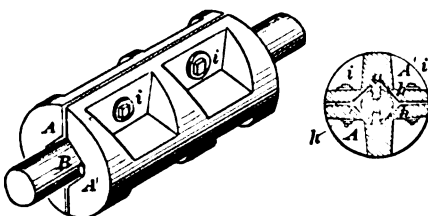
78824—Pennington & Woodfill—Horse Rake.



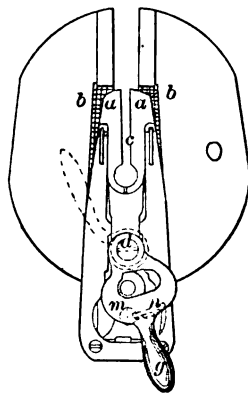
78825—Peterson & Jones—Forging Apparatus.



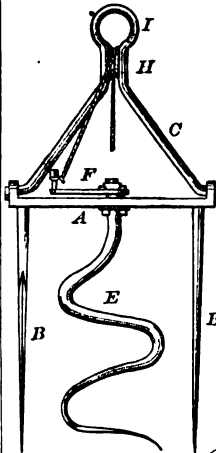
78827—T. W. Porter—Shaft Coupling.



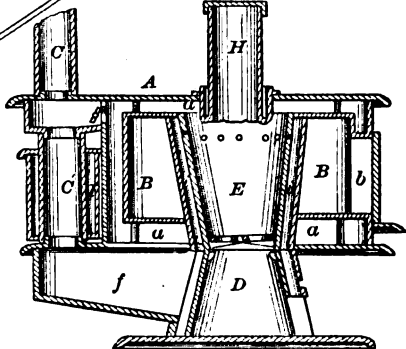
78821—R. H. Peabody—Button Hole Stitching Machine.



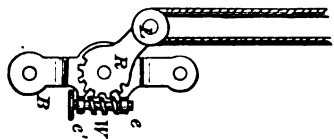
78820—E. M. Parker—Horse Hay Fork.



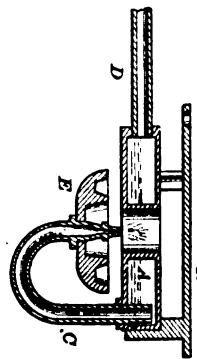
78822—H. Pease—Cook Stove.

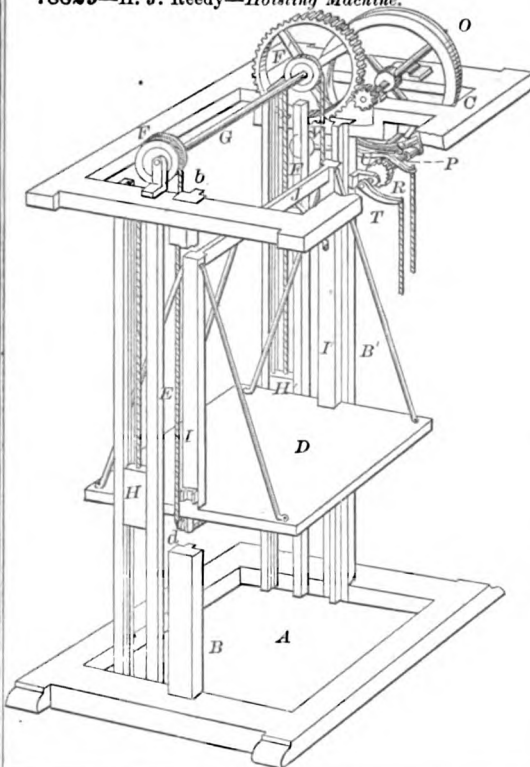
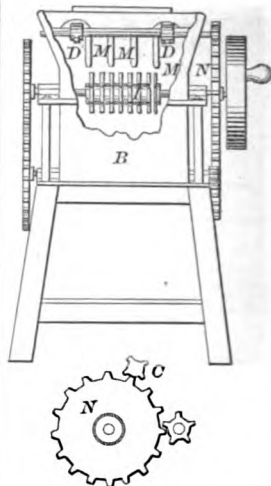
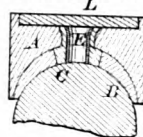
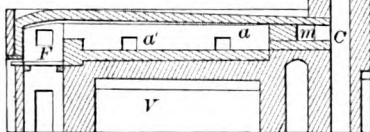
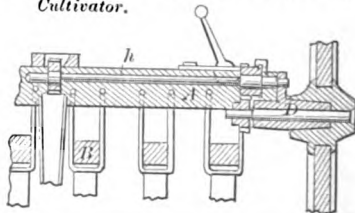
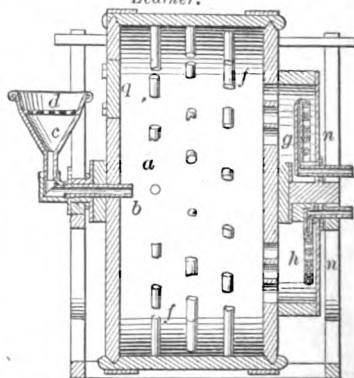
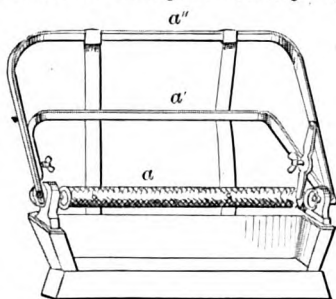


78826—G. T. Pillings—Shade Fixture.

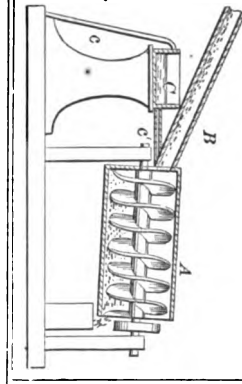
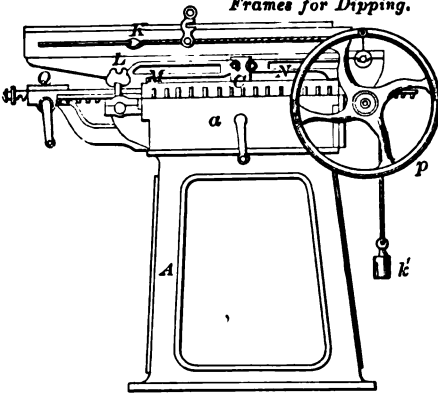


78828—D. W. Ranke—Gas Generator.

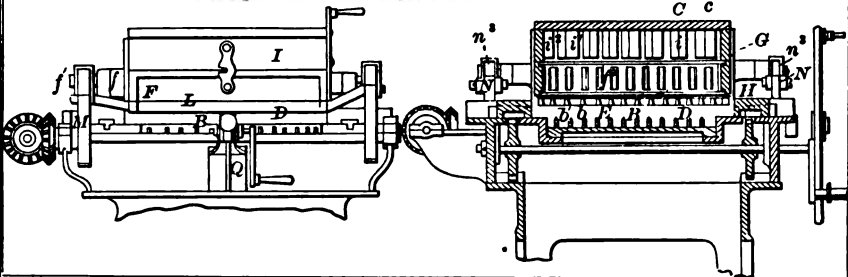
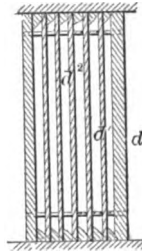
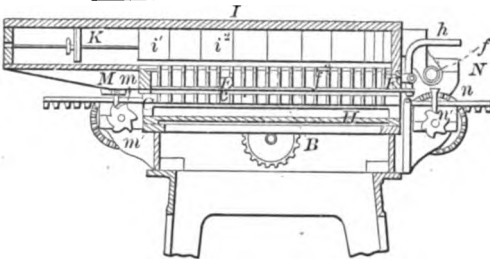


78829—H. J. Reedy—*Hoisting Machine.*78830—N. Richardsen—*Ice Crusher.*78832—J. T. Robinett—*Journal Box.*78834—W. Sanderson—*Handle of Table Cutlery.*78831—L. E. Rivot—*Treating Gold and Silver Ores.*78833—J. S. & I. Rowell—*Seeder and Cultivator.*78835—J. W. Schayer—*For Stuffing Leather.*78836—E. S. Scripture—*Carriage Top*

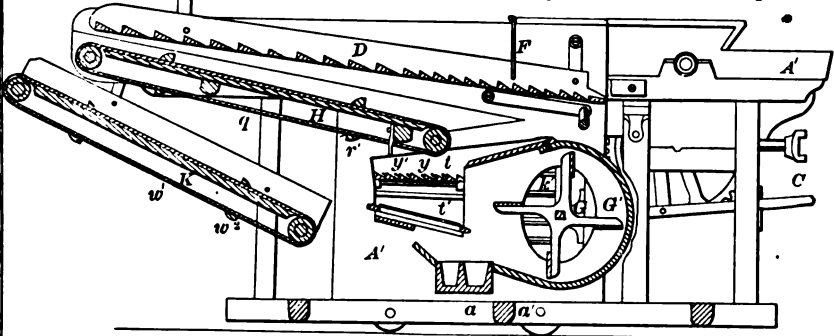
78837—G. Sebold—For Placing Friction Matches in Frames for Dipping.



78838—I. Shellabarger—For Dampening Grain.



78843—L. P. Teed—Threshing Machine and Grain Separator.



78839—J. A. Simpson—Umbrella and Parasol.

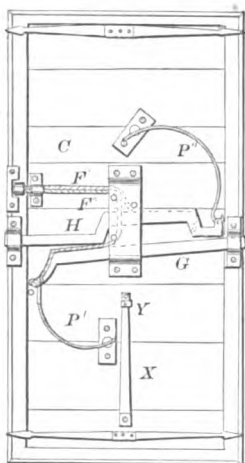


78844—E. H. Tobey—For Raising and Lowering Windows.

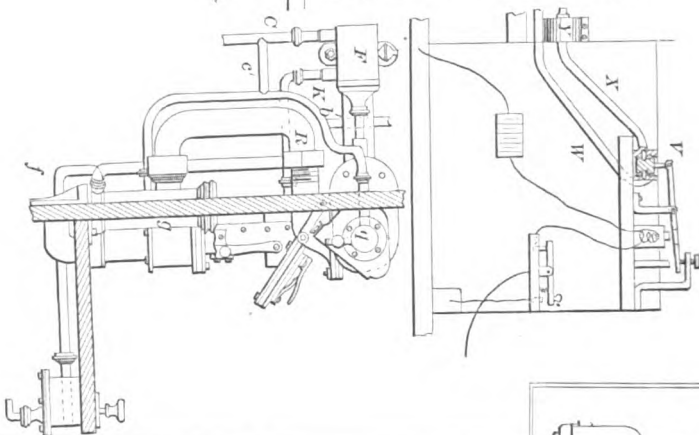
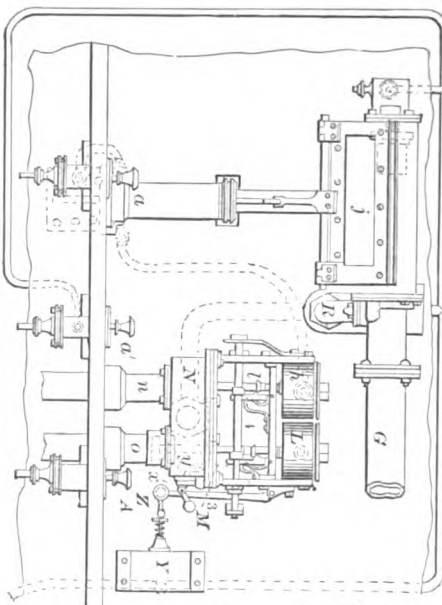




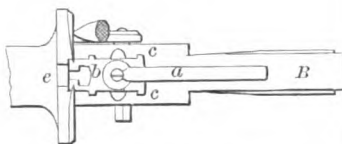
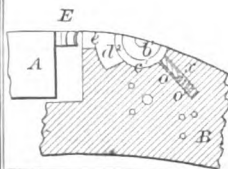
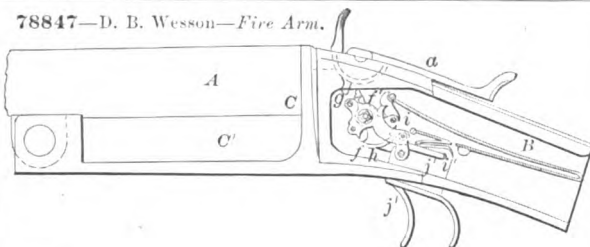
78841—J. H. Smiley—  
Wagon Brake.



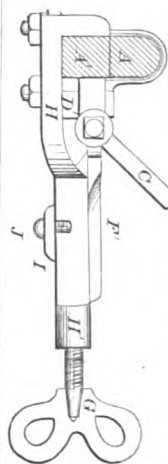
78845—C. F. Varley—For Transmitting Dispatches.



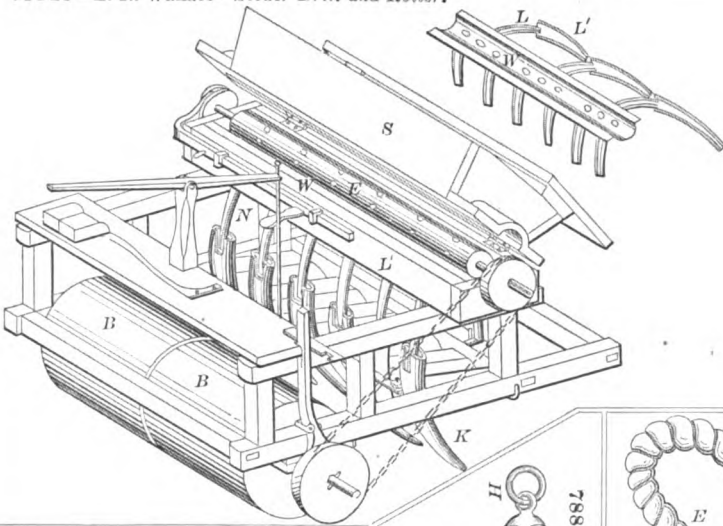
78847—D. B. Wesson—Fire Arm.



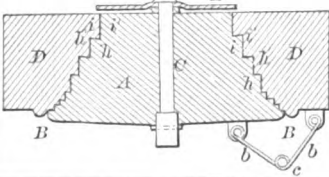
78848—J. Whitlock—Shackle Jack.



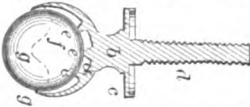
78846—L. R. Wallace—*Seeder Drill and Roller.*



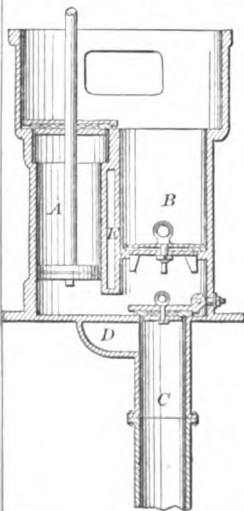
78851—F. H. Williams—*Construction of Sajes, E*



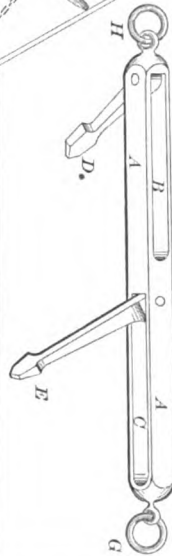
78850—L. Wilkinson—*Ball Caster*.



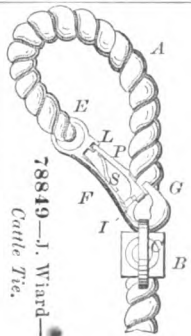
78854—W Adair—*Pump.*



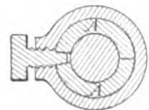
78852—F. Vitram—Anchor.



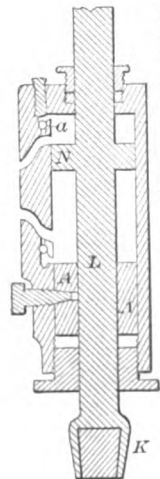
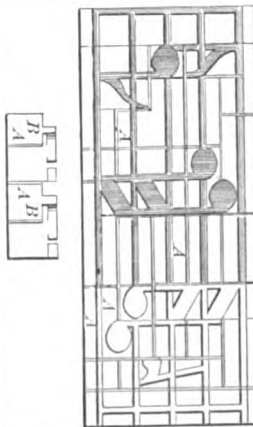
78849—J. Viard—  
*Cattle Tie.*

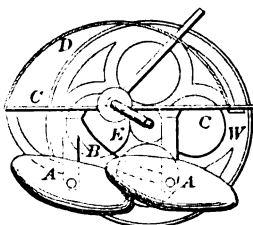
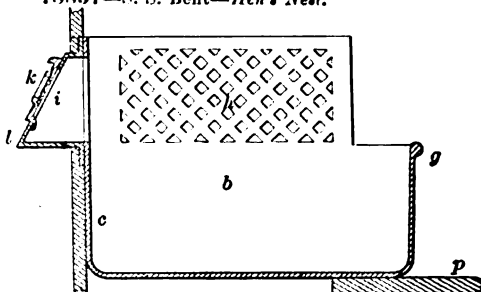
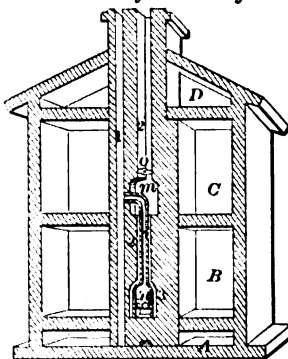
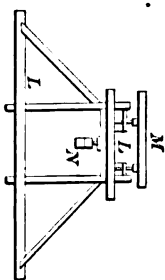
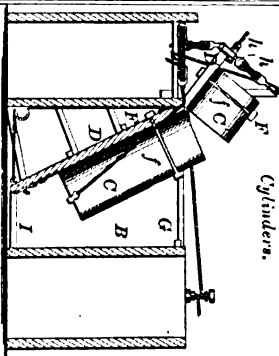
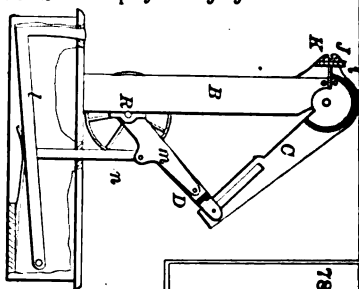
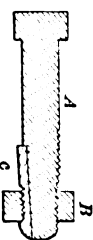
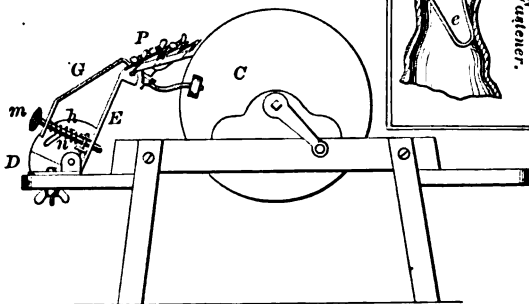
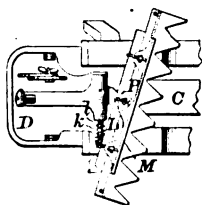


78853—Wood & Robinson—Steam Engine.

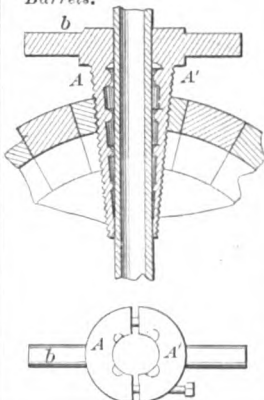


78855—E. L. Balch—*Music Type*.

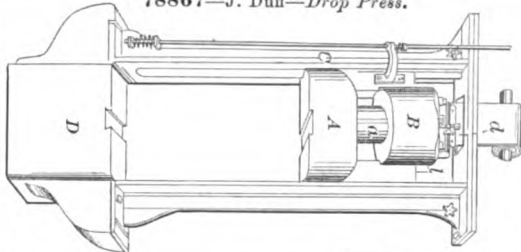


78856—L. W. Beal—*Plow.*78857—S. S. Bent—*Hen's Nest.*78859—T. Boyd—*Heating Building.*78860—G. K. Bramhall—*Lowering  
Cylinders.*78862—J. Copley—*Forging Machine.*78864—D. Cumming, Jr.—*Locking Nuts.*78861—D. W. Colburn—*Wrench.*78863—M. C. Cronk—*For Grinding Moving Machine Knives.*78858—J. Bounds—*Pepper  
Box Top Fitter.*

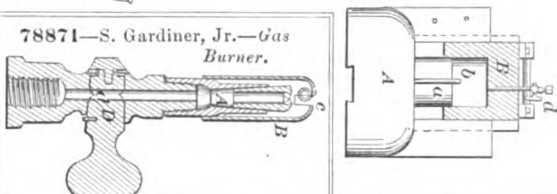
78865—J. F. de Navarro—*For Attaching Pumps to Barrels.*



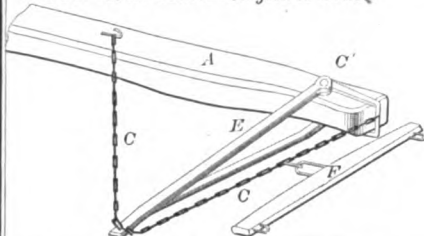
78867—J. Duff—*Drop Press.*



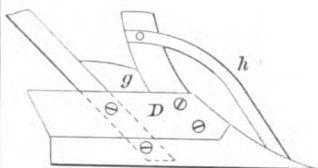
78871—S. Gardiner, Jr.—*Gas Burner.*



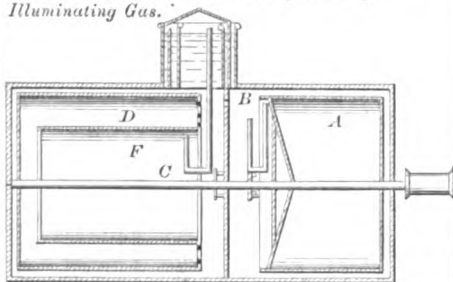
78868—C. R. Elmer—*Singletree Brace.*



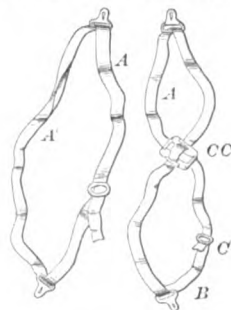
78869—C. M. French—*Plow.*



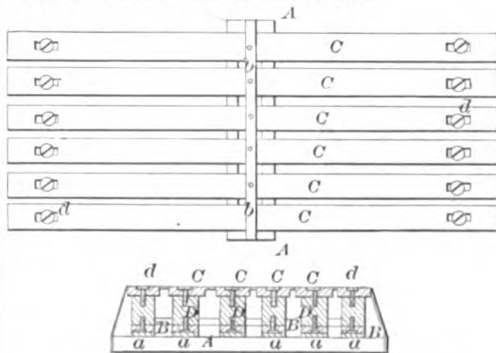
78870—G. P. Ganster—*Manufacture of Illuminating Gas.*



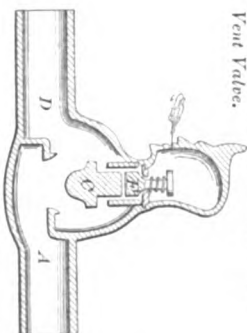
78872—A. W. Harris—*Suspenders.*



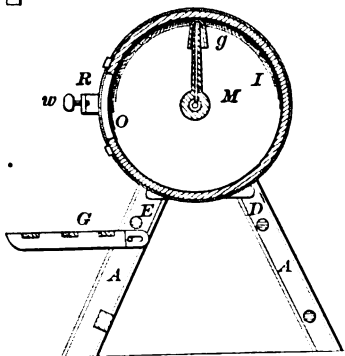
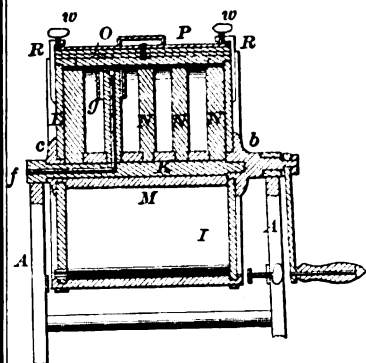
78876—W. R. S. Hunter—*Bed Bottom.*



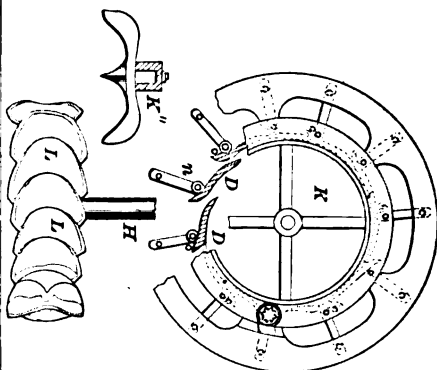
78873—J. H. G. Hawes—*Influx and Vent Valve.*



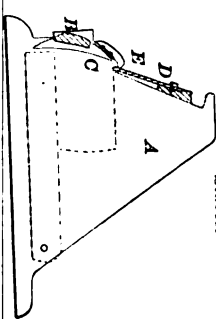
78877—F. A. Jowett—Churn.



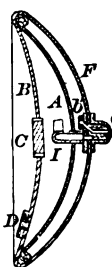
78879—T. Leffel—Water Wheel.



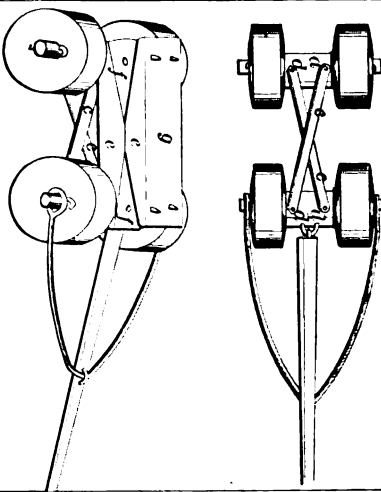
78882—H. Martin—For Cutting Slaves.



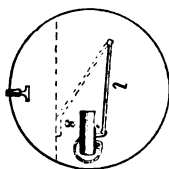
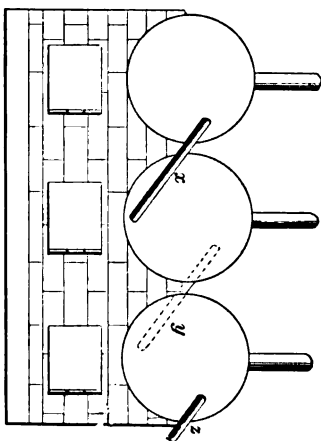
78881—H. W. Libbey—Nursing Bottle.



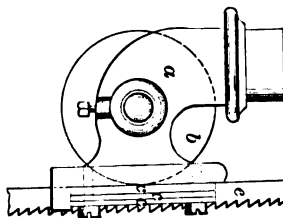
78883—J. S. Milken—Truck.

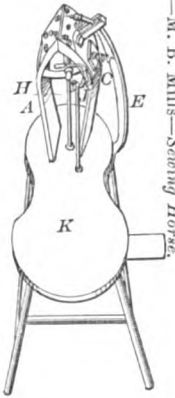


78878—A. Kirk—Distilling Petroleum.



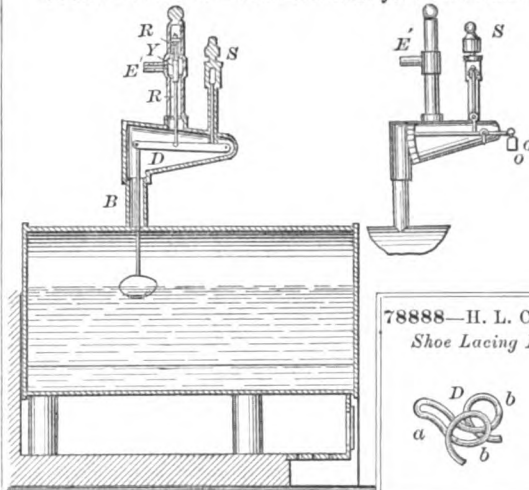
78880—J. Lemman—Guide for Hand Saws.



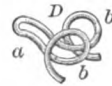


78884—M. B. Mills—Sewing Horse.

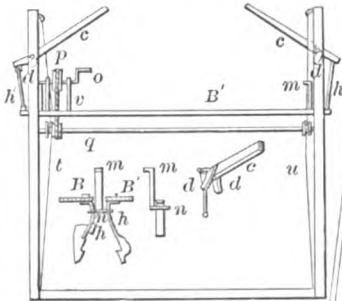
78885—W. Moore—Water Indicator for Steam Generators.



78888—H. L. C. Muller—Shoe Lacing Device.



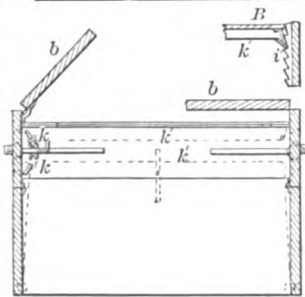
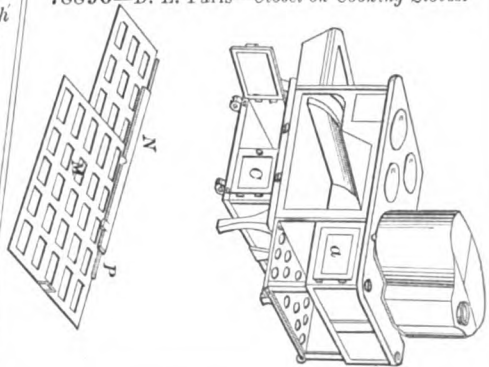
78886—D. Morrison—Staging.



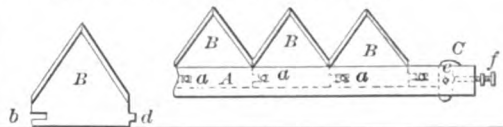
78887—Morse & Powell—Eraser.



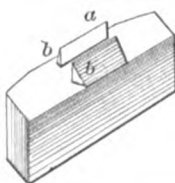
78890—D. E. Paris—Closet on Cooking Stoves.



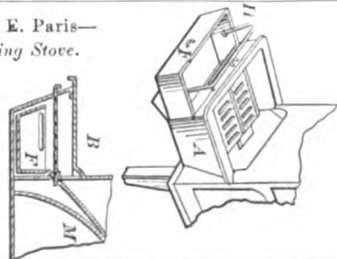
78889—J. T. Norris—Harvester Cutter.

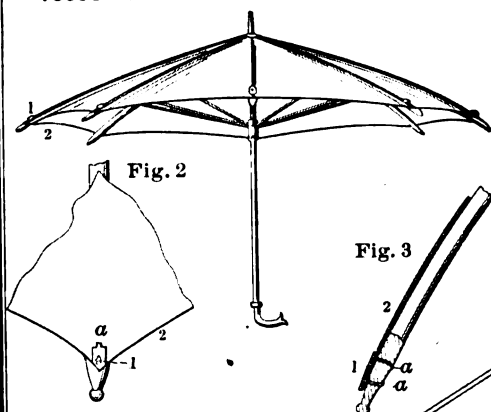
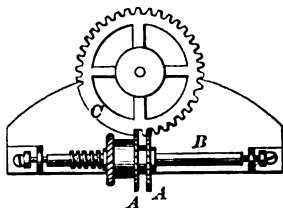
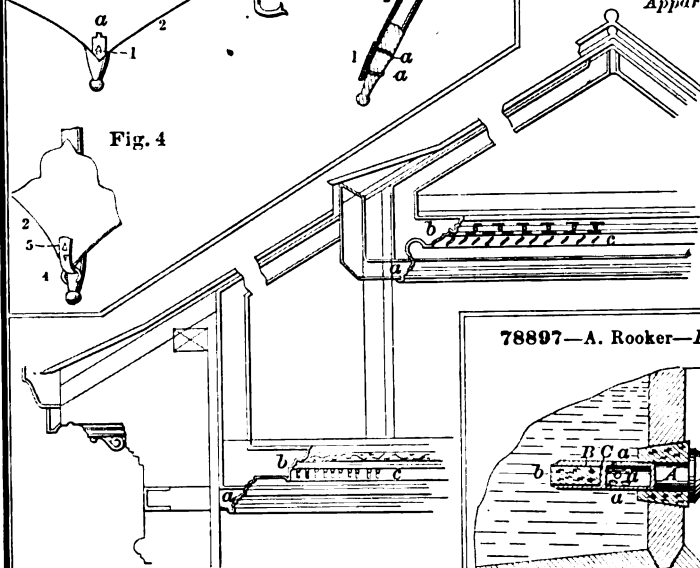
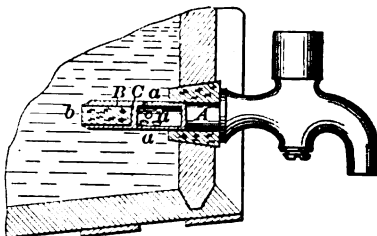
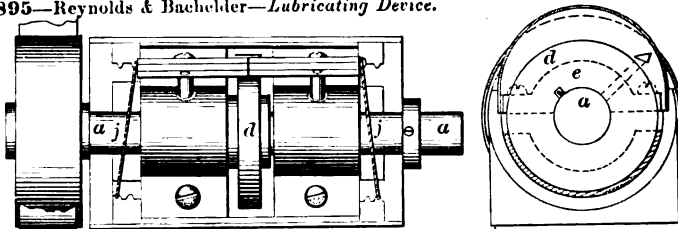
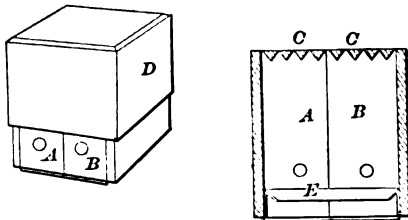
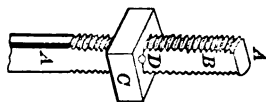


78892—C. H. Perkins—Toe Calk for Horse Shoes.

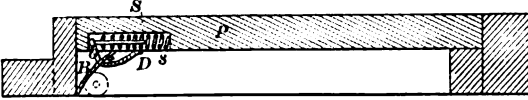


78891—D. E. Paris—Cooking Stove.



**78893—G. W. Pierce—Umbrella.****78896—E. Roberts—For Cutting the Teeth of Wheels.****78894—W. Potts—Ventilating Apparatus.****78897—A. Rooker—Faucet.****78895—Reynolds & Bachelder—Lubricating Device.****78898—S. P. Shipley—Beehive.****78899—A. D. Smith—Lock Nut.**

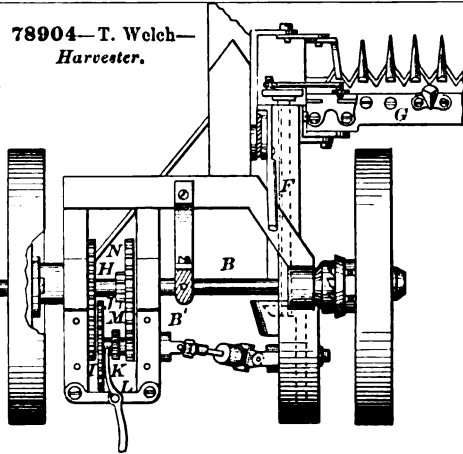
78900—Smith & Dasenbrook—Weather Strip.



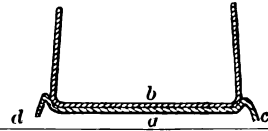
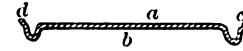
78902—R. B. Stillman—Clothes Dryer.



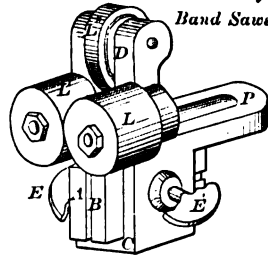
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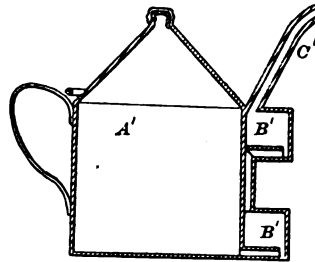
78901—W. W. Stevens—Tea Pot.



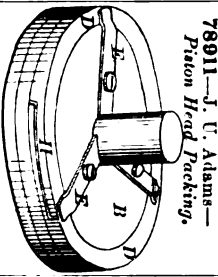
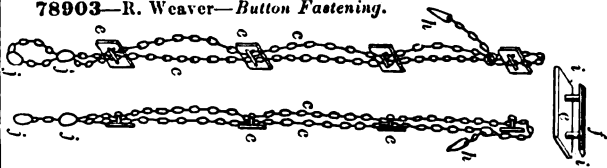
78905—W. P. Welch—Guide for Band Saws.



78906—H. B. Wellman—Oil Can.

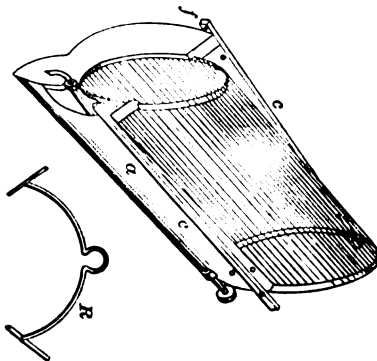
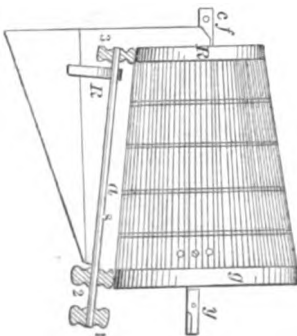


78903—R. Weaver—Button Fastening.



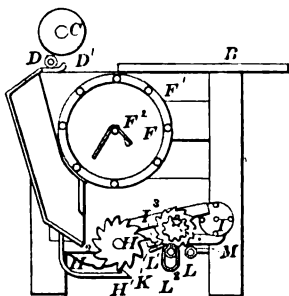
78911—J. U. Adams—Piston Head Packing.

78907—G. Willcox—Grain Chaffing Mill.

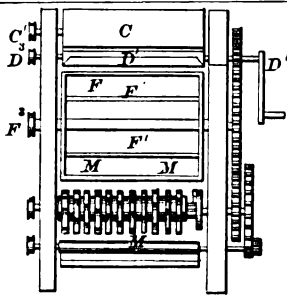
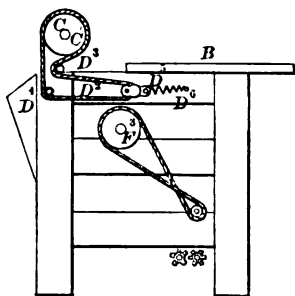
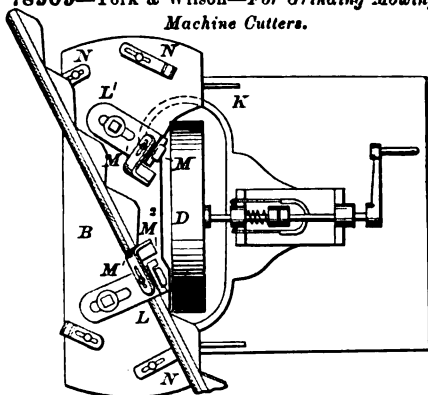




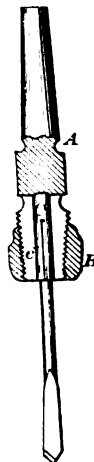
78908—C. O. Yale—Corn Husker.



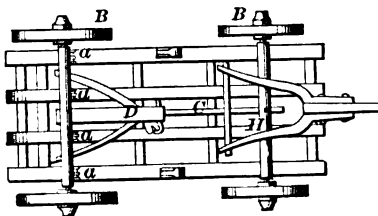
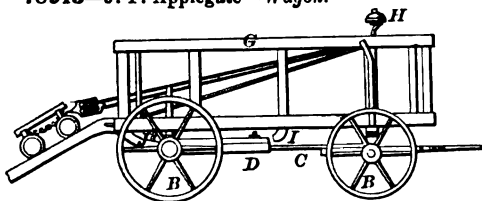
78909—York &amp; Wilson—For Grinding Mowing Machine Cutters.



78916—E. H. Babcock—Drill Chuck.



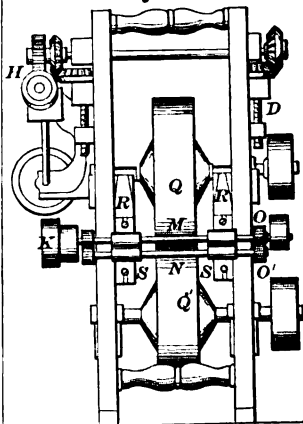
78913—J. F. Applegate—Wagon.



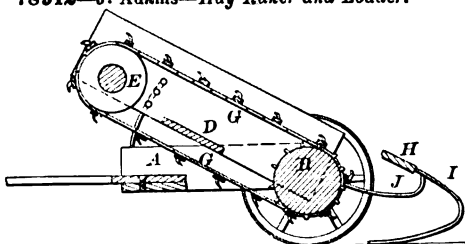
78914—J. C. Arms—Pocket Book Fastening.



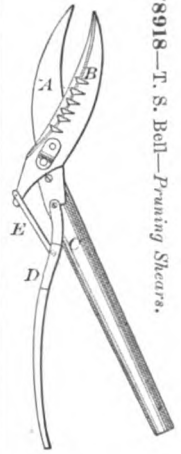
78915—E. C. Atkins—For Polishing Metal Plates.



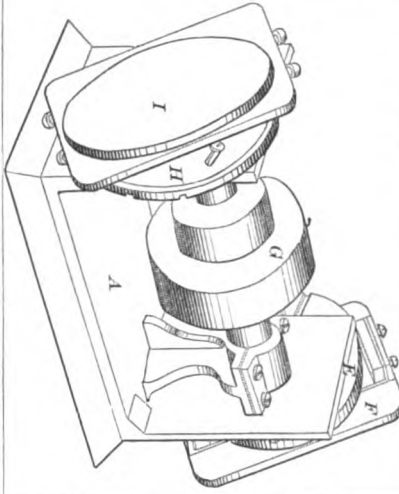
78912—J. Adams—Hay Raker and Loader.



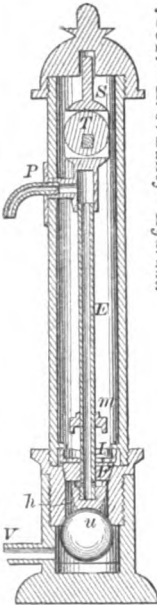
78918—T. S. Bell—Pruning Shears.



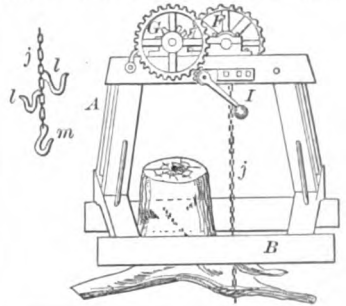
78919—A. P. C. Bonte—Wood Turning Lathe.



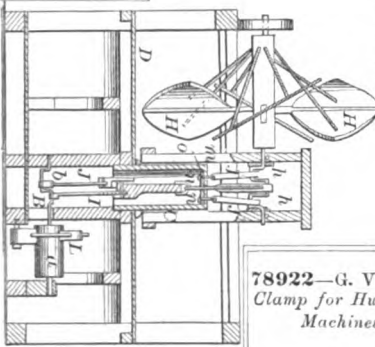
78917—H. J. Bailey—Hydraulic.



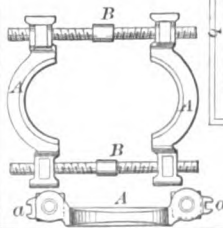
78920—J. G. Boyer—Stump Extractor.



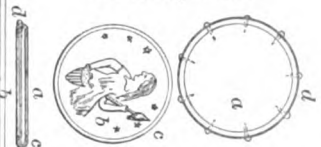
78921—J. T. Braun—Wind Wheel.



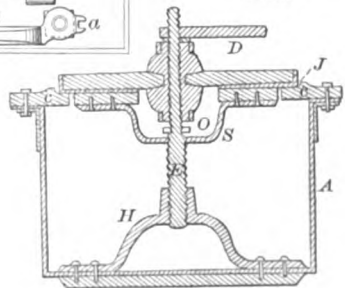
78922—G. V. Brecht—Clamp for Hub Boring Machines.



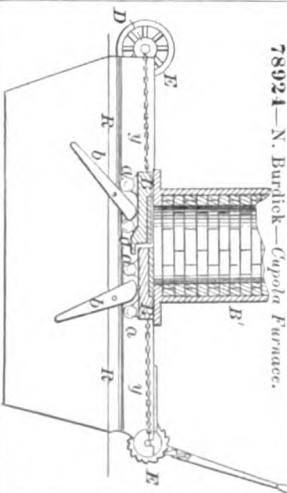
78923—H. H. Browne—Advertising Device.

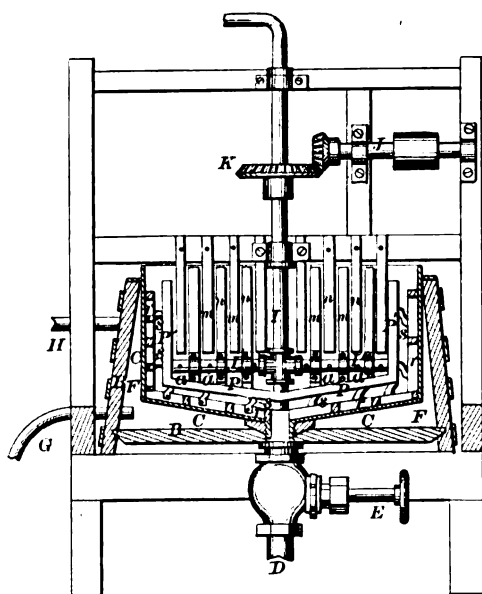
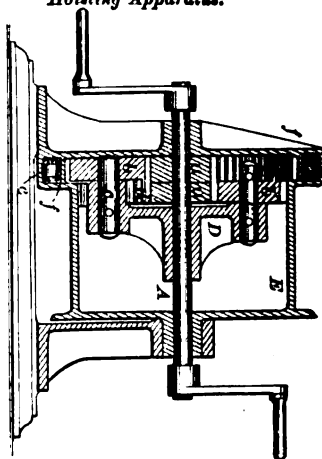
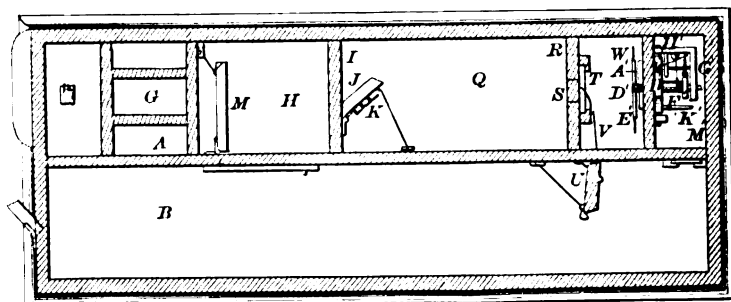
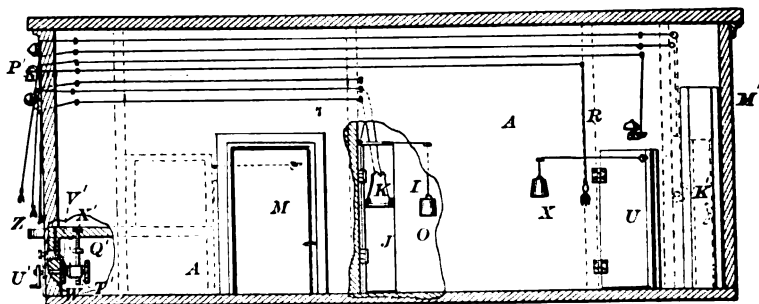
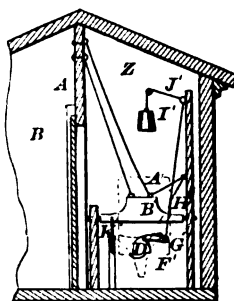


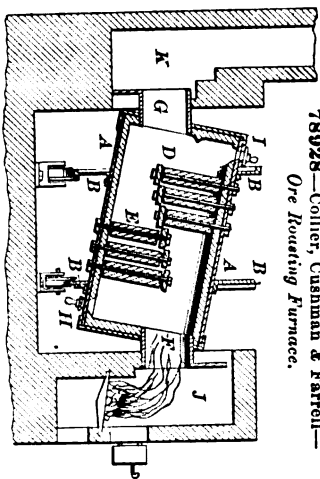
78926—R. Cawthorne—Tire Setter.



78924—N. Burdick—Cupola Furnace.

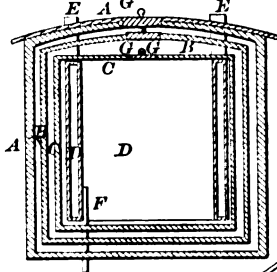


78925—G. C. Cassard—*Lard Cooler.*78927—J. Christiansen—*Hoisting Apparatus.*78929—J. S. Conlin—*Shooting Gallery.*

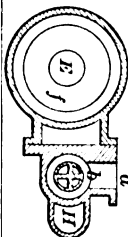
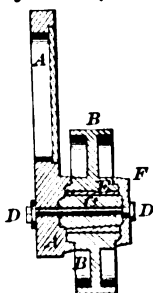


78928—Collier, Cushman & Farrell—  
Ore Roasting Furnace.

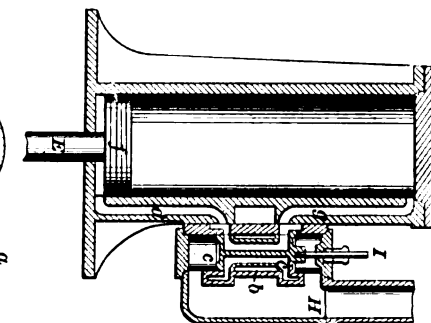
78932—W. Davis—Preserving Meat.



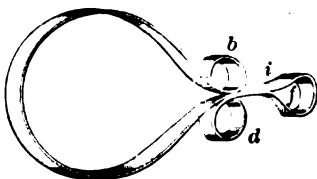
78934—G. S. Deane—  
Gauge Wheel for Plows.



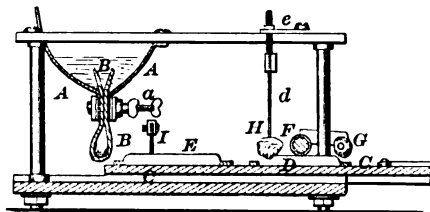
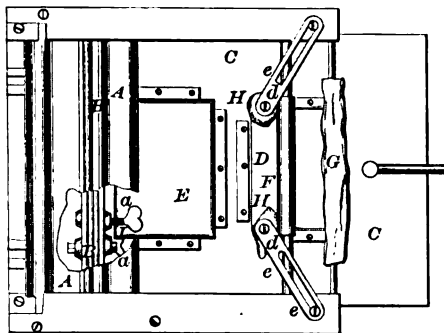
78933—D. Davy—Piston Valve for Steam Hammers.



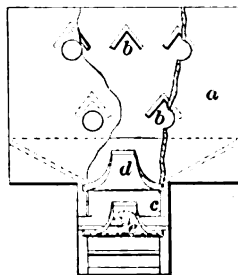
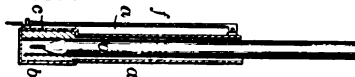
78936—H. H. Dickinson—Tail Clasp for  
Milkers.



78930—G. Cooper—Lithographic Press.

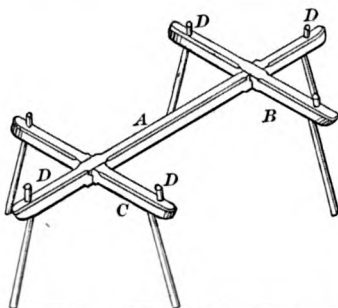


78931—J. Danner—Pencil Sheath.

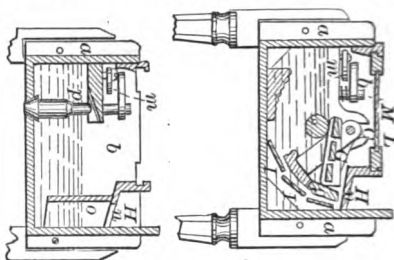


78935—D. A. Dickinson—  
Ventilating and Drying  
Corn and Grain.

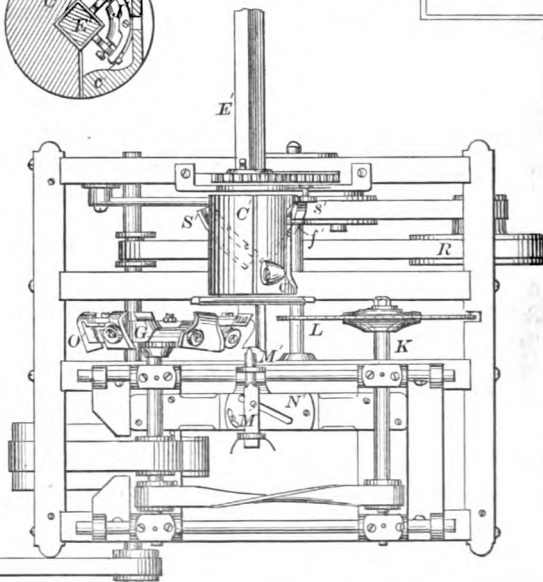
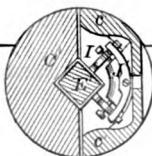
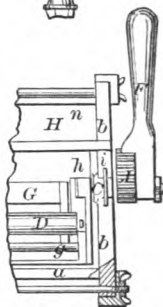
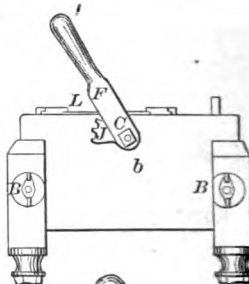
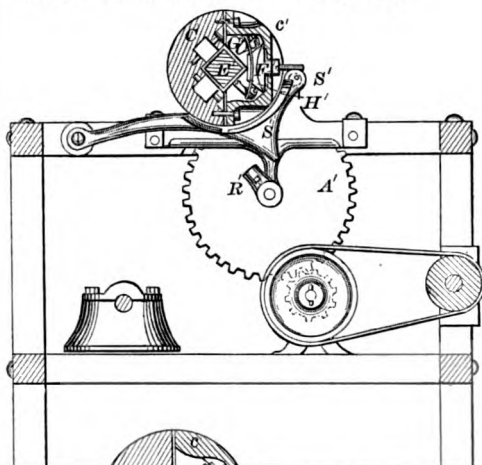
78937—F. Diebold—Wash Bench.



78940—W. M. Doty—Washing Machine.



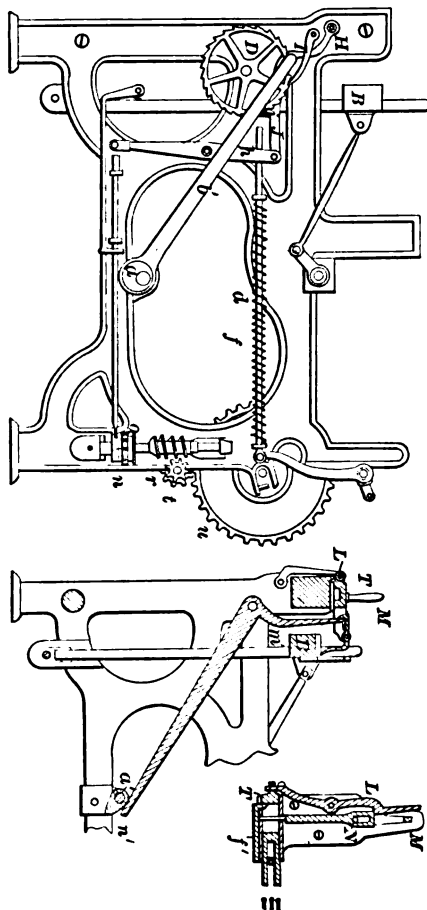
78938—W. Donaldson—For Making Bungs.



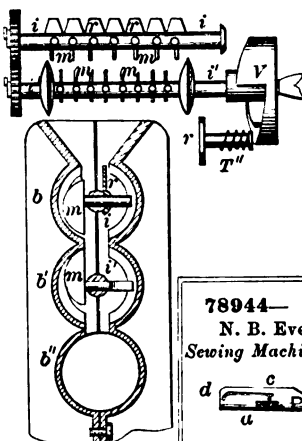
78939—J. P. Dorman—Sleigh.



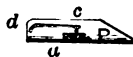
78941—W. F. Draper—Loom.



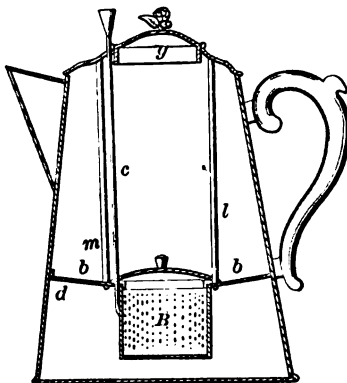
78942—J. M. Drouyer—Meat Mincer.



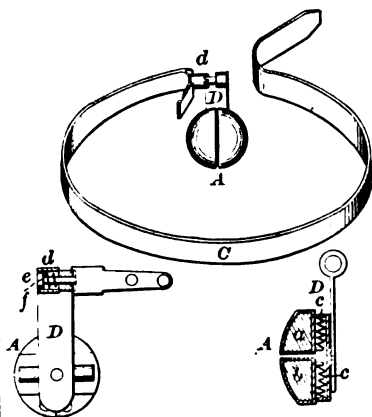
78944—  
N. B. Eveland—  
Sewing Machine Shuttle.



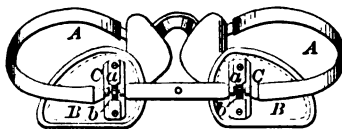
78943—J. G. Dyer—Coffee Pot.



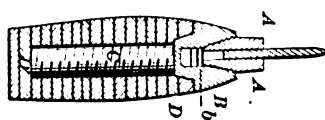
78945—M. Faloon—Truss.

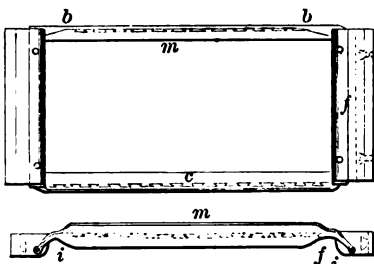
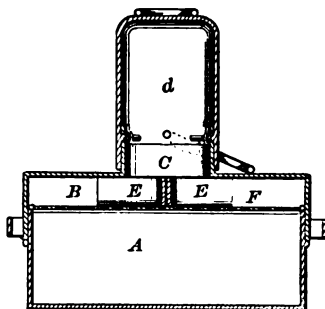
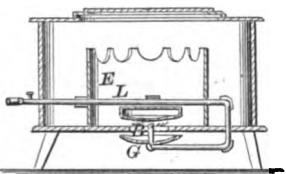
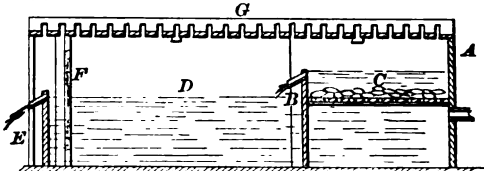
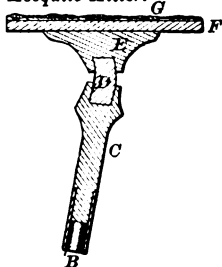
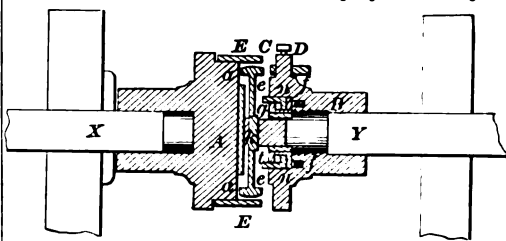
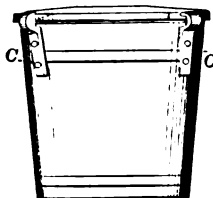
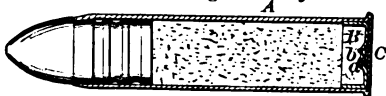
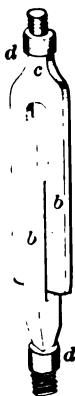
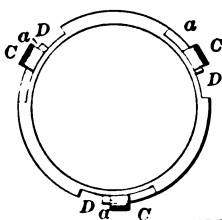
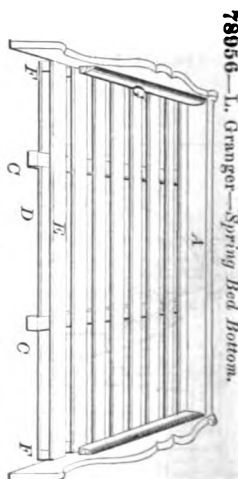


78946—M. Faloon—Abdominal Supporter.

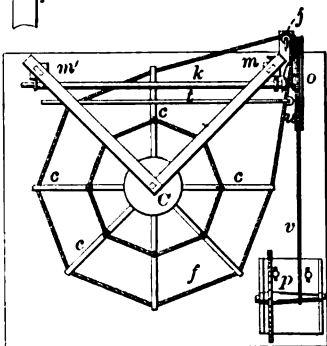
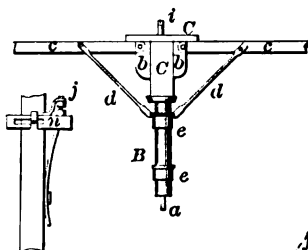


78947—L. H. Farnsworth—Axe Haft.

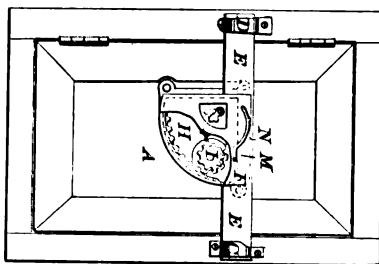
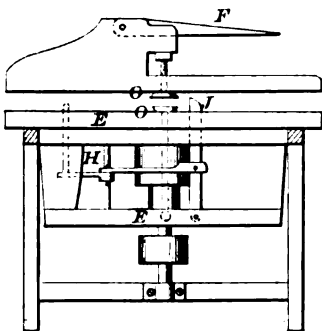
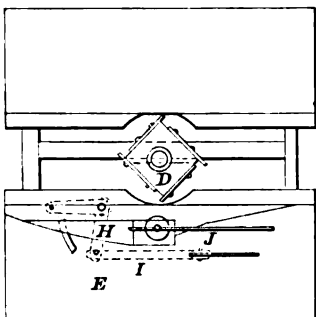


78948—A. C. Flint—*Mosquito Bar.*78949—C. Folsom—*Ash Sifter.*78951—O. C. Fox—*Gas Heater.*78952—W. H. Furman—*Pisciculture.*78950—H. D. Forbes—*Mosquito Killer.*78954—J. Gibbons—*For Forming Cylinder Rings.*78953—R. J. Gatling—*Priming Metallic Cartridges.*78955—D. A. Gilbert—*Butter Tub.*78956—E. Guillod—*Drilling Jar.*78956—L. Granger—*Spring Bed Bottom.*

78957—J. A. Green—Horse Power.

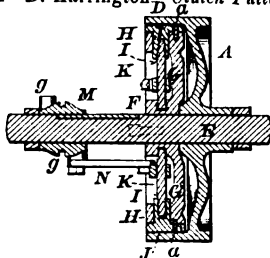


78959—S. Hagaman—For Rounding Slate Frames.

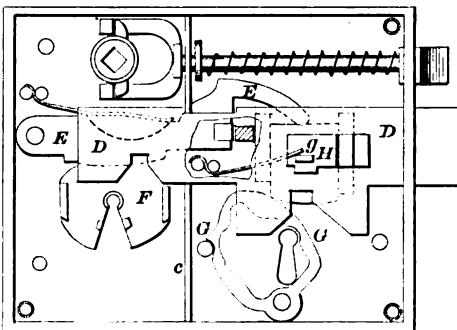


78960—J. E. Hanger—Door Lock.

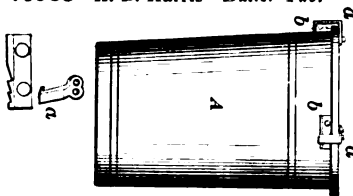
78961—D. Harrington—Clutch Pulley.



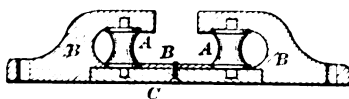
78962—R. C. Harrington—Door Lock.



78963—A. B. Harris—Butter Tub.

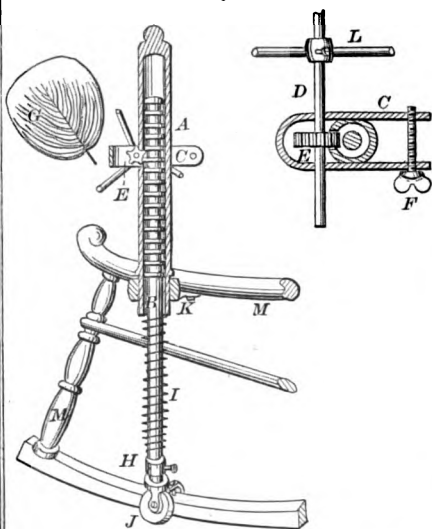


78964—J. T. Haskins—Warping Chuck.

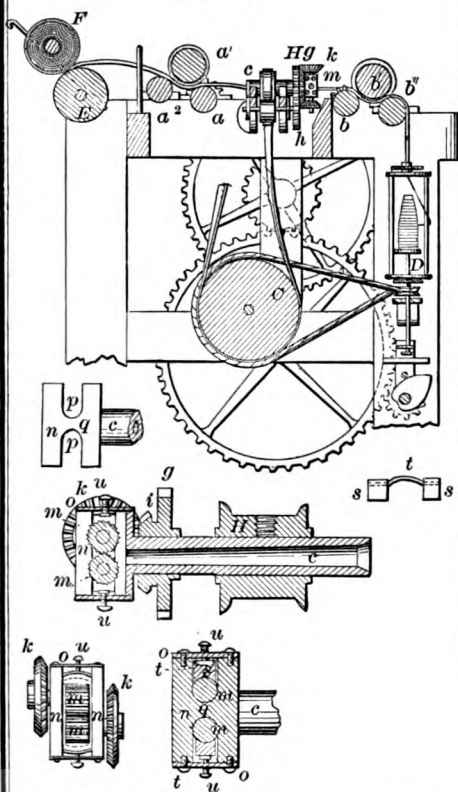




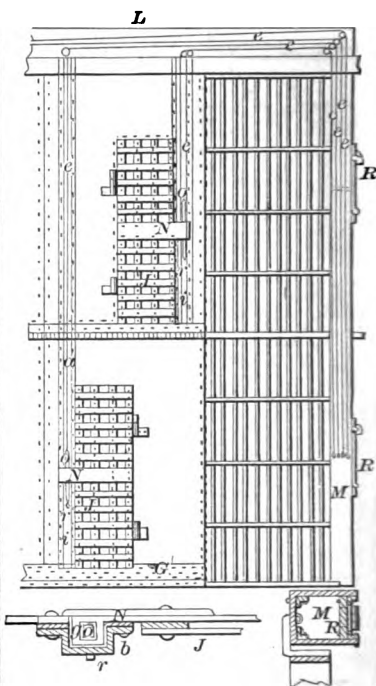
**78965**—A. R. Hobbs—*Fanning Attachment for Rocking Chairs.*



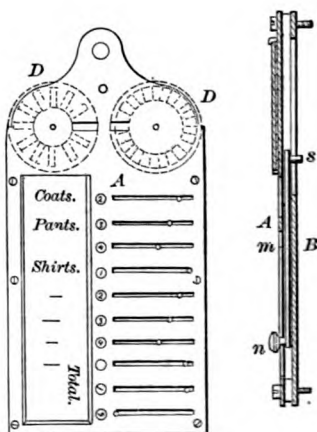
**78968**—A. L. Houghtaling—*Drawing and Twisting Head.*



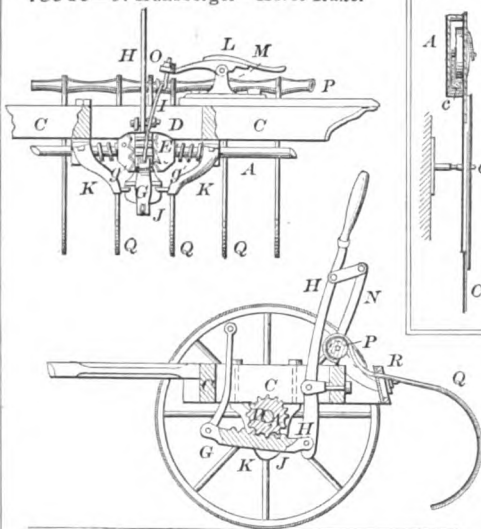
**78966**—I. Hodgson—*Prison.*



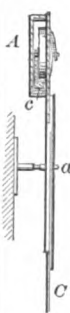
**78967**—J. S. & J. H. Hood—*Perpetual Register.*



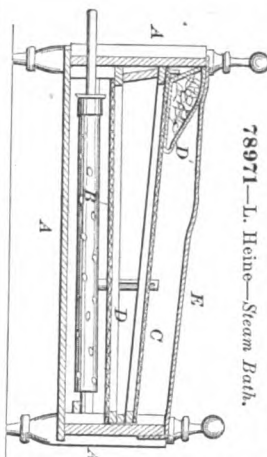
78969—J. Hunsberger—Horse Rake.



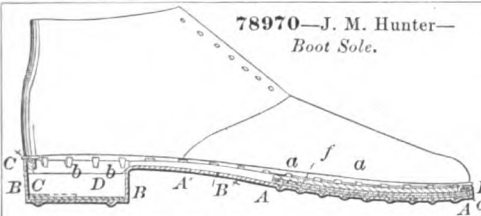
78972—C. King—Time Piece.



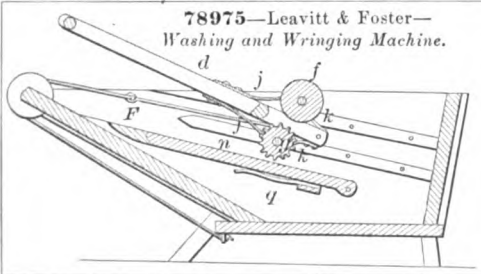
78971—L. Heine—Steam Bath.



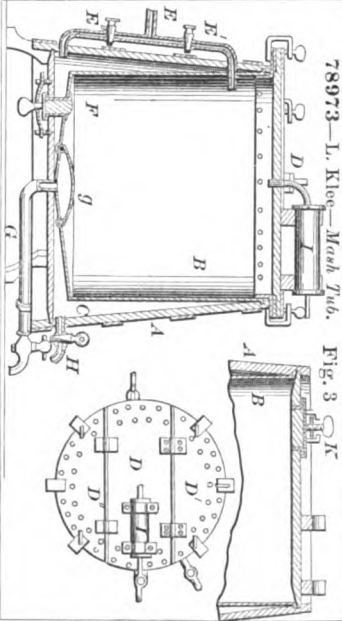
78970—J. M. Hunter—Boot Sole.



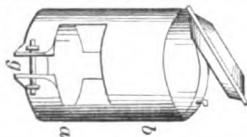
78975—Leavitt & Foster—Washing and Wringing Machine.



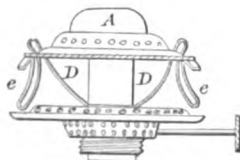
78973—L. Klee—Mash Tub.



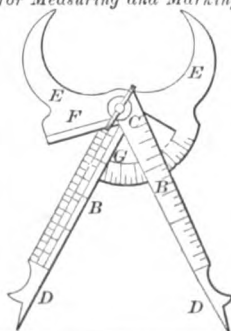
78976—L. Lehman—Bottle Lock.



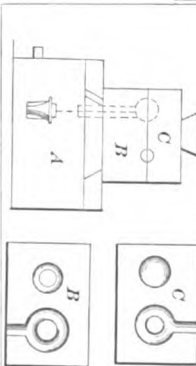
78978—H. M. Wyatt—Lamp Burner.



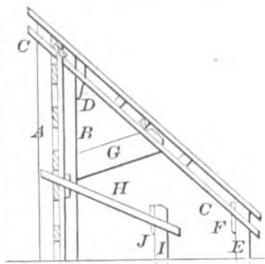
78974—C. M. Lane—Tool for Measuring and Marking.



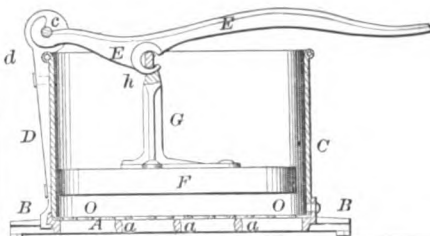
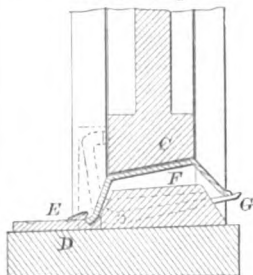
78977—F. Leonard—Die for Forging Eye Bolts.



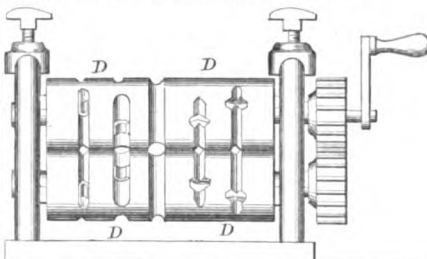
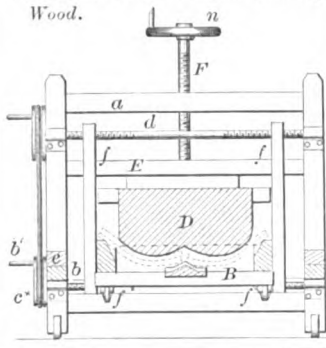
78979—J. Leonard—Fence.



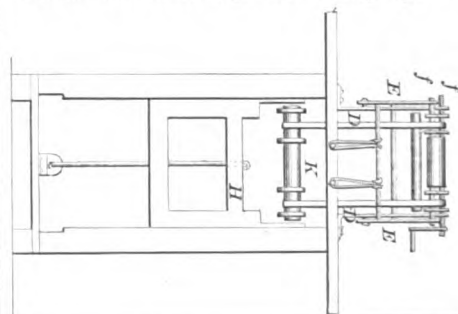
78981—J. H. Littlefield—Press and Strainer.

78980—J. E. Lindsley—  
Weather Strip.

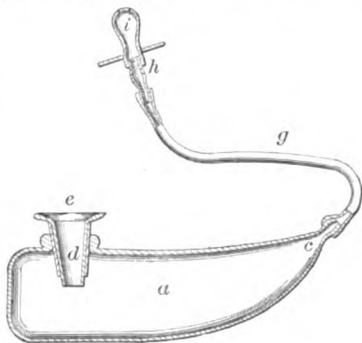
78984—W. S. Mackintosh—Axle Roller.

78983—J. G. Lucas—For Bending  
Wood.

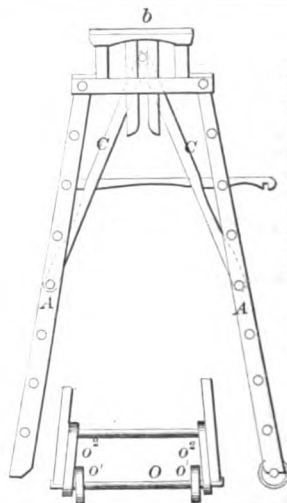
78985—J. &amp; N. Marengo—For Making Cigars.



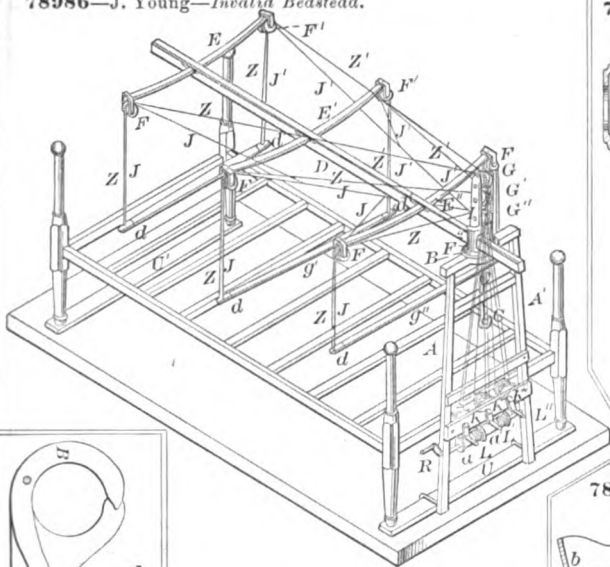
78987—P. J. McElroy—Nursing Bottle.



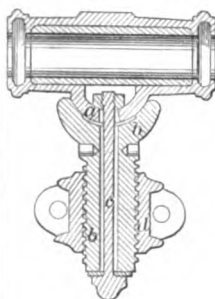
78988—A. C. McKendree—Ladder.



78986—J. Young—Invalid Bedstead.



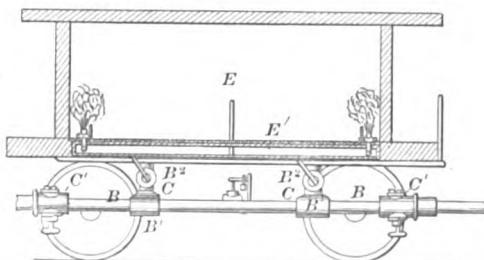
78992—G. V. Orton—Hanger for Shafting.



78993—G. T. Palmer—Bottom for Boilers.



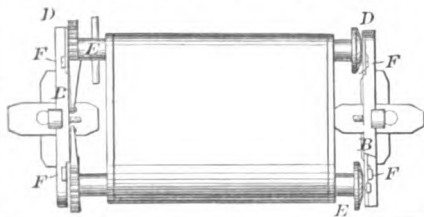
78990—A. C. Miner—Railroad Car Heater.



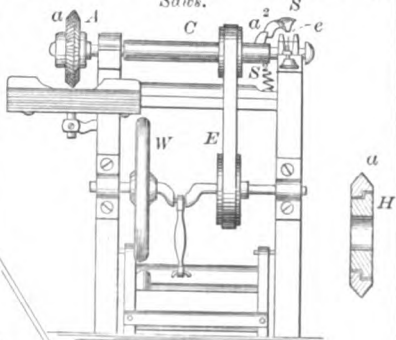
78996—L. H. Pheegor—Safety Hook.



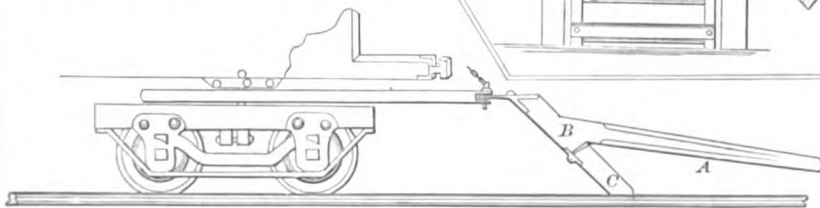
78989—P. H. Mellon—Quilting Frame.

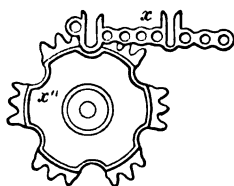
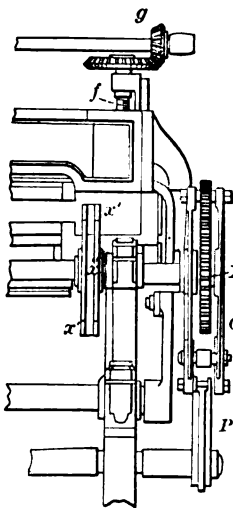
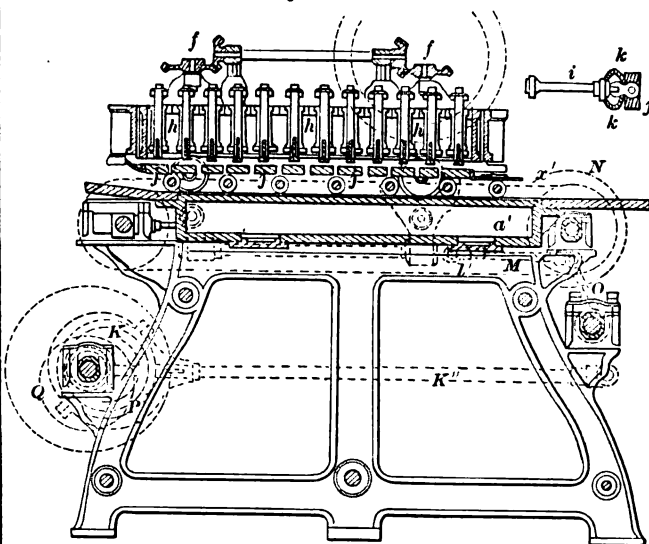
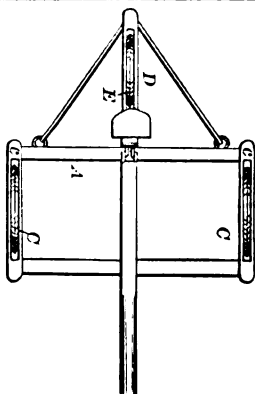
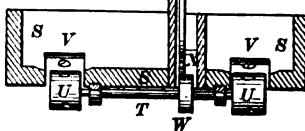
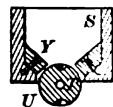
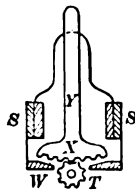
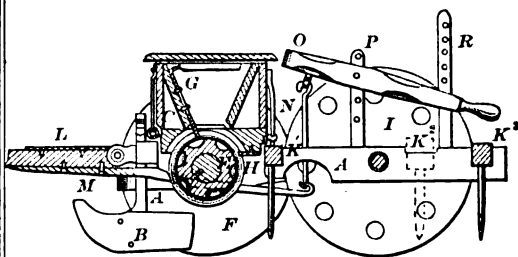


78995—B. P. Pendexter—For Sharpening Saws.

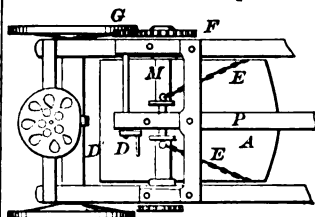


78994—E. C. Patterson—Railroad Car Jack.

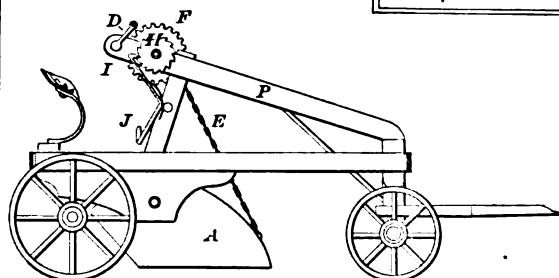
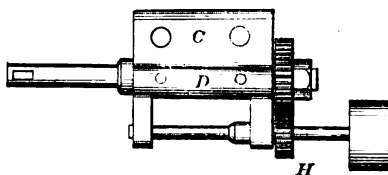


78991—C. Mossant—*Felting Machine.*78998—D. B. Platt—*Harrow, Drill, Planter and Roller.*78997—W. E. Phelps—*Corn Marker.*

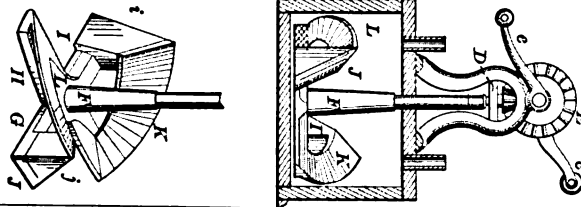
**78999**—F. Post—*Scraper.*



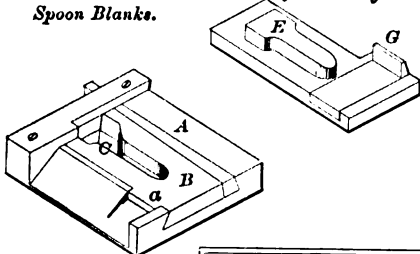
**79000**—G. Raft—*For Fitting Wrist Pins.*



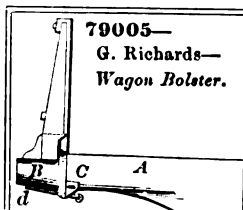
**79002**—C. C. Roese—*Churn.*



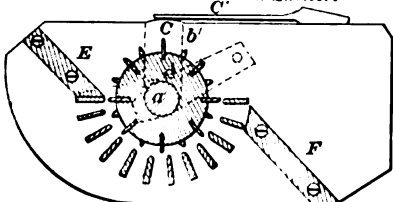
**79004**—Rich & Bassett—*Die for Cutting Spoon Blanks.*



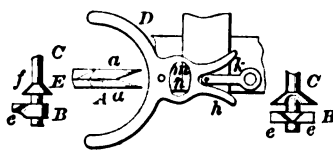
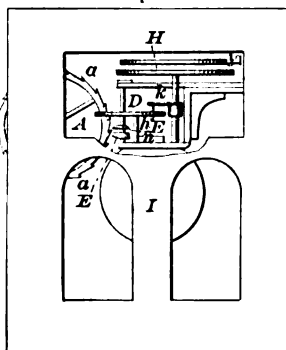
**79005**—G. Richards—*Wagon Bolster.*



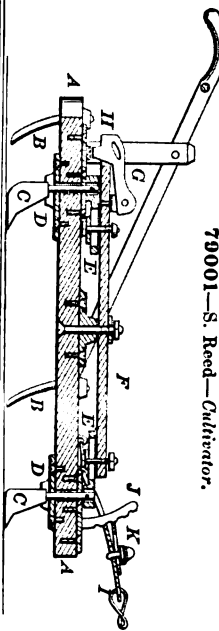
**79007**—W. Roberts—*Corn Sheller.*



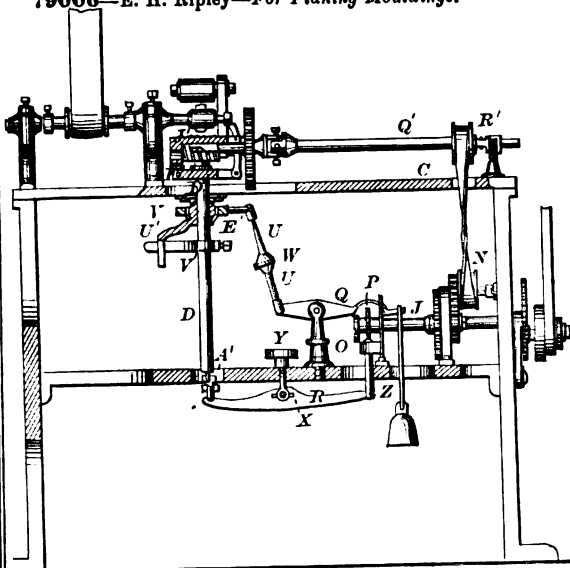
**79003**—C. Reinhart—*Clock Escapement.*



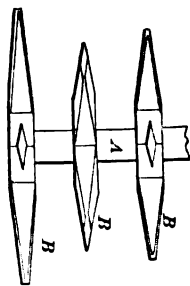
**79001**—S. Reed—*Cultivator.*



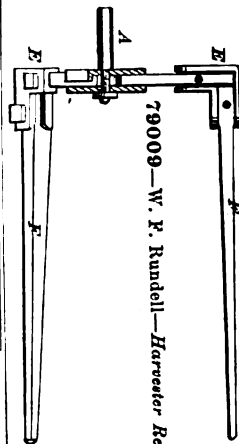
79006—E. H. Ripley—For Planing Mouldings.



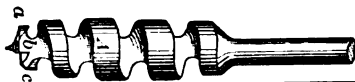
79008—J. H. Rowe—Chain.



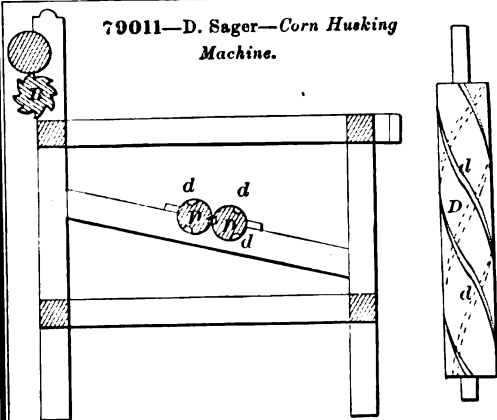
79009—W. K. Rundell—Harvester Reel.



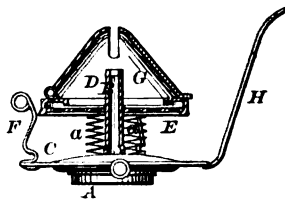
79012—N. C. Sanford—Auger.



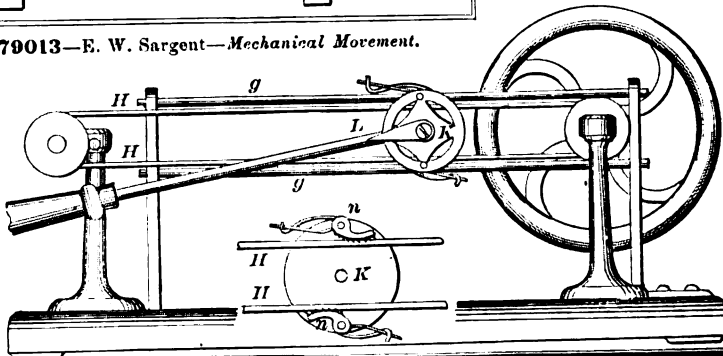
79011—D. Sager—Corn Husking Machine.



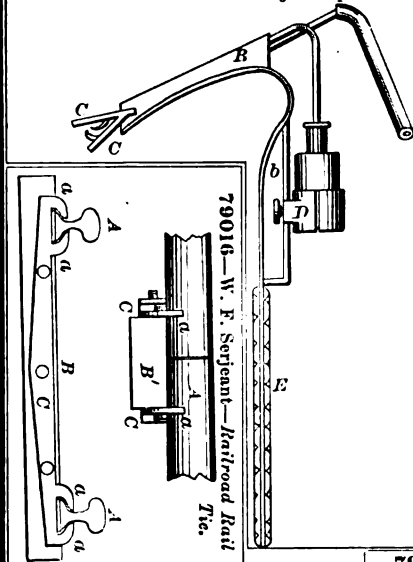
79014—J. W. Schreiber—Lamp Burner.



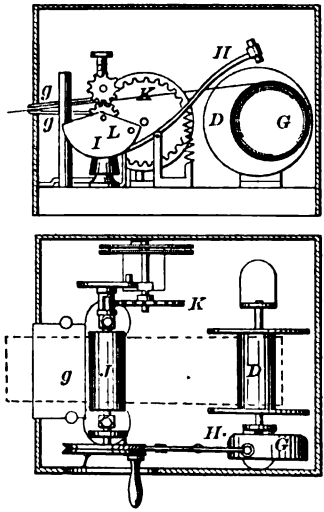
79013—E. W. Sargent—Mechanical Movement.



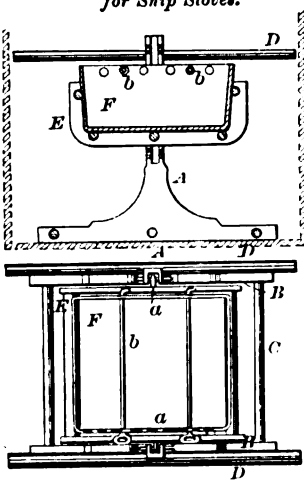
79015—O. A. Schulz—Tongue Depresser.



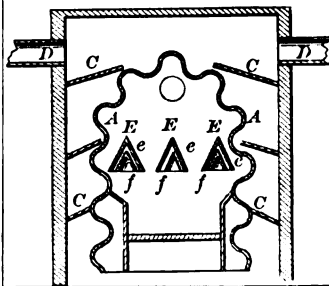
79017—Sichel & Feust—Ticket Register.



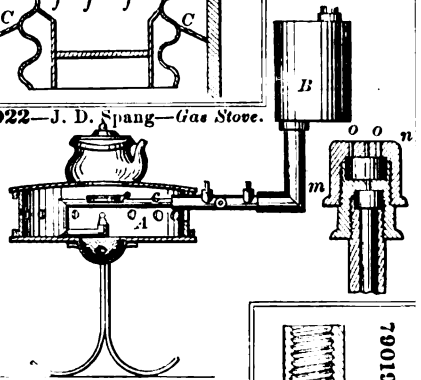
79018—F. L. A. Smith—Oven Rack for Ship Stoves.



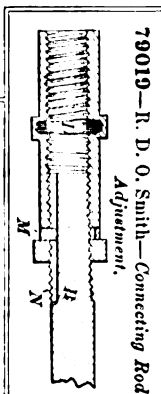
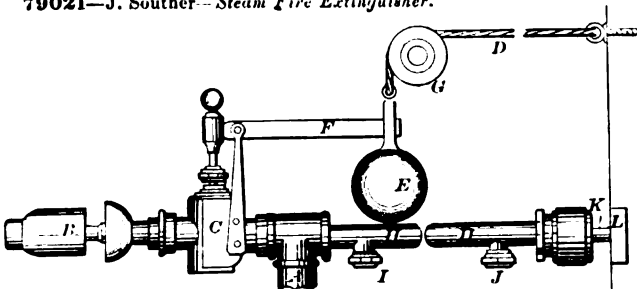
79020—S. Smith—Furnace.



79022—J. D. Spang—Gas Stove.

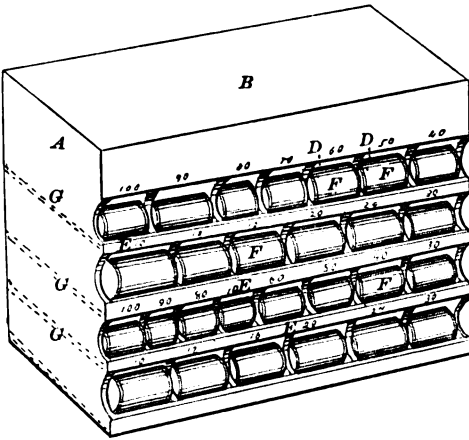


79021—J. Souther—Steam Fire Extinguisher.

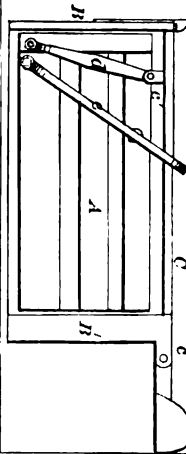




79023—A. Steward—Thread Show Case.



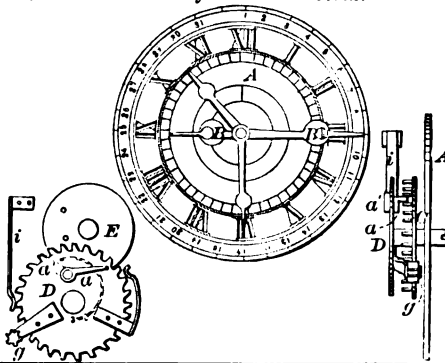
79025—A. Taylor—Form Cutter.



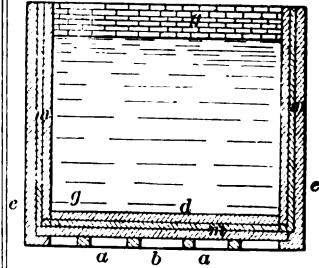
79029—W. R. Thomas—Car Wheel.



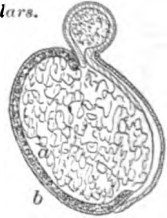
79026—W. A. Terry—Calendar Clock.



79028—M. Thode—Subterranean Wall.



79024—E. Sullivan—For Covering Horse Collars.



79030—J. A. Thompson—For Grinding Mowing Machine Knives.

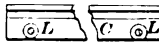
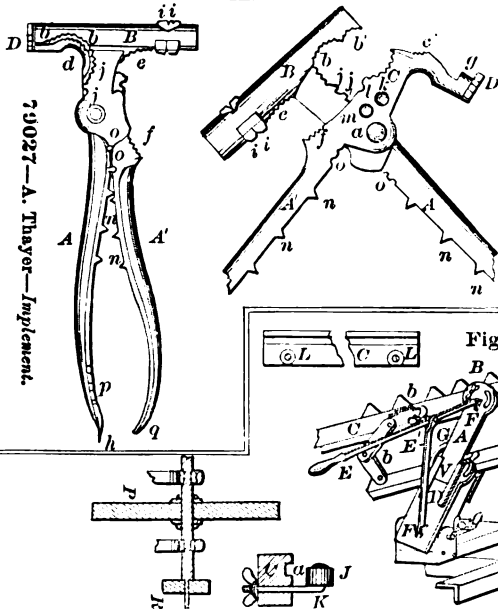


Fig. 7

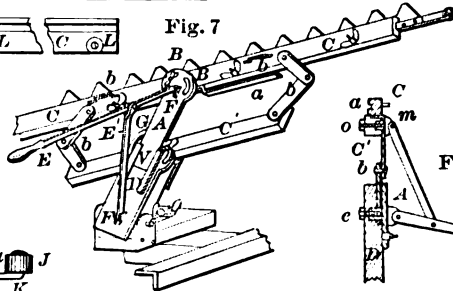
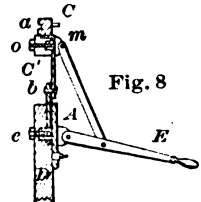
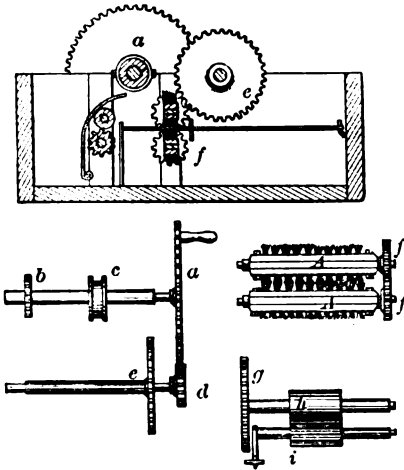



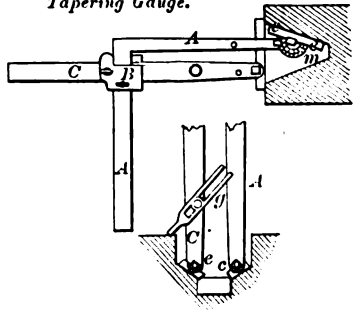
Fig. 8



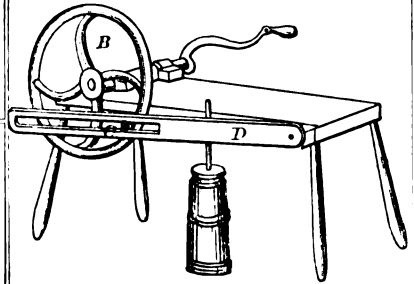
**79031—J. A. Thompson—*For Cleaning Intestines of Animals.***



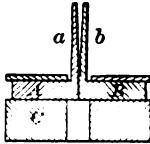
**79032—D. H. Tierney—***Borel and Tapering Gauge.* 



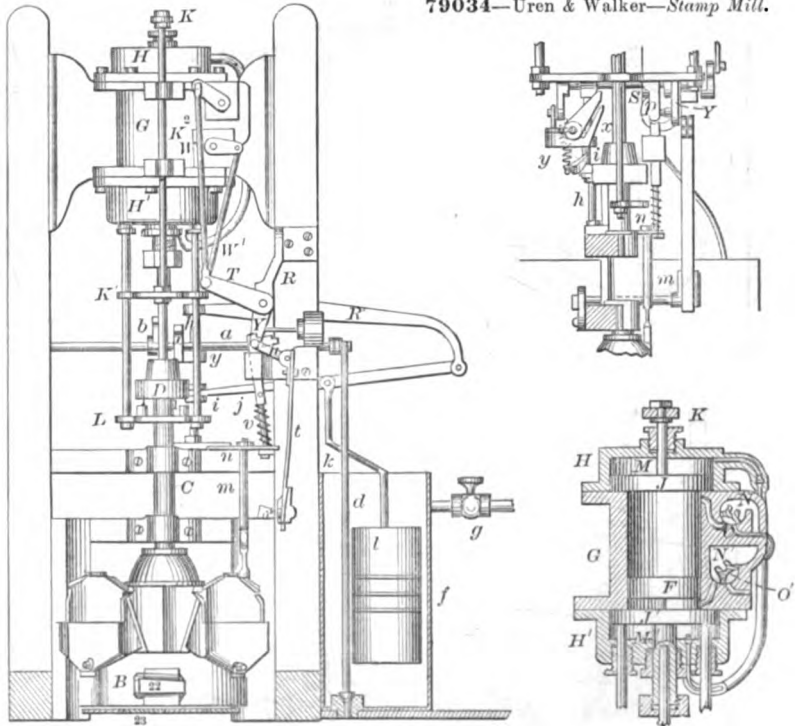
**79035—W. H. & L. Waddell—Churn.**



**79036—W. Wallace—For Forming Lamp Tubes.** 88

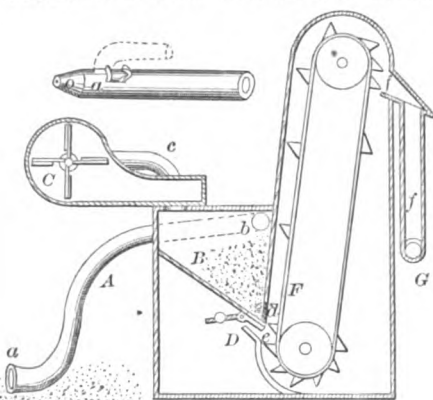


79034—Uren & Walker—*Stamp Mill.*

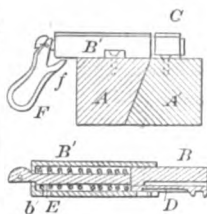




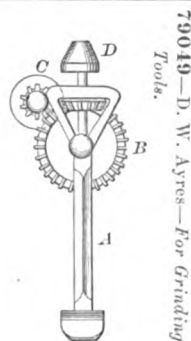
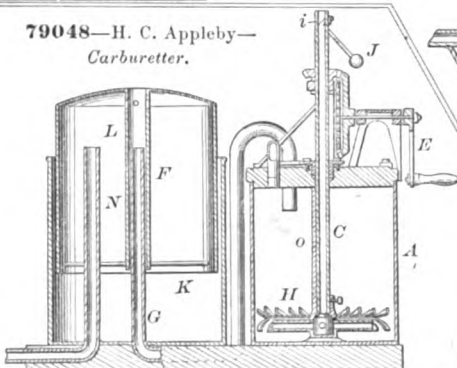
79044—S. W. Wood—Pneumatic Grain Elevator.



79046—F. Zell—Sash Fastener.

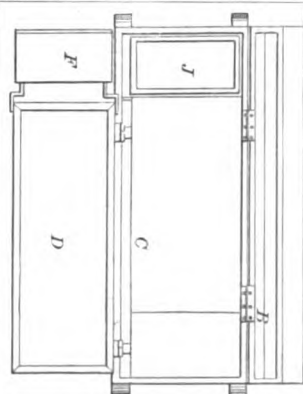
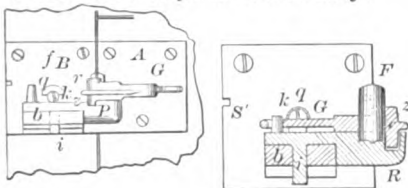


79048—H. C. Appleby—Carburetter.

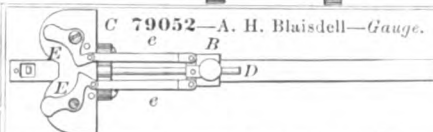
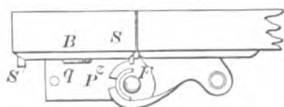


79049—D. W. Ayres—For Grinding Tools.

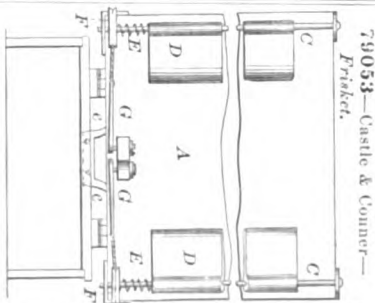
79051—E. H. Benjamin—Shutter Hinge.



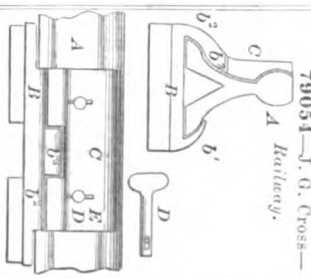
79050—L. H. Baker—Lounge.



79052—A. H. Blaisdell—Gauge.

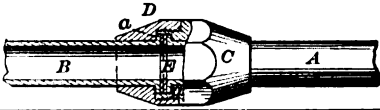


79053—Castle & Counter—Fricket.

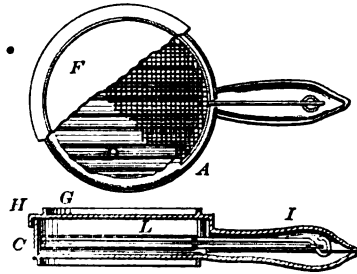


79054—J. G. Cross—Railway.

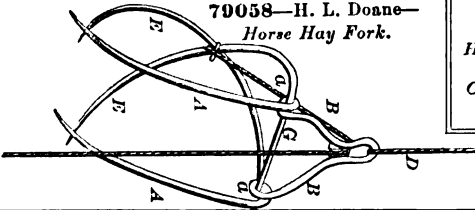
**79055—I. Davis—Connection for Soft Metal Pipes.**



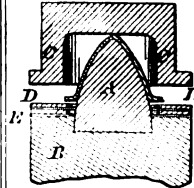
**79056—C. Denn—Gridiron.**



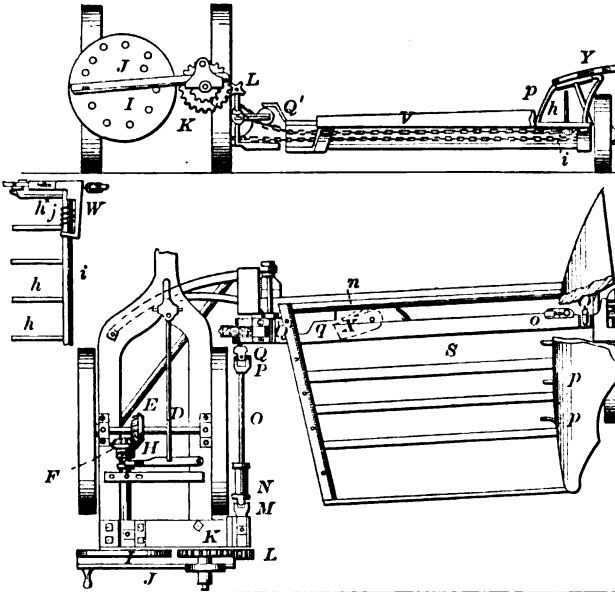
**79058—H. L. Doane—Horse Hay Fork.**



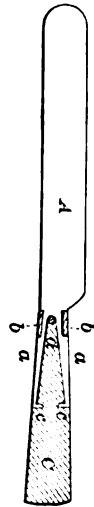
**79059—J. Eberhardt—Hat Blocking Machine.**



**79057—H. F. W. Deterring—Harvester Rake.**



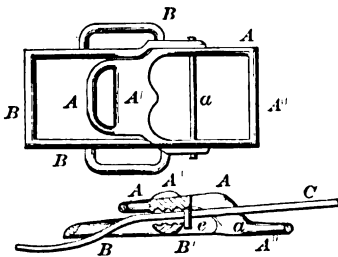
**79061—R. H. Fisher—Cutlery.**



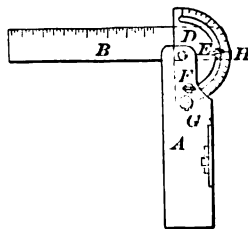
**79063—T. J. Flagg—Necktie and Watch Guard.**



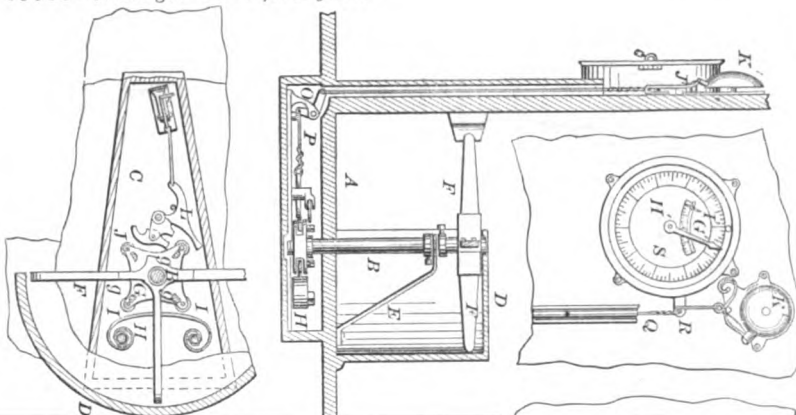
**79064—M. Gayhart—Trace Buckle.**



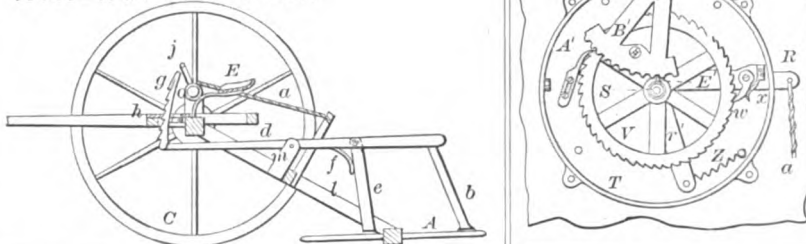
**79062—W. T. Fisher—Bevel Square.**



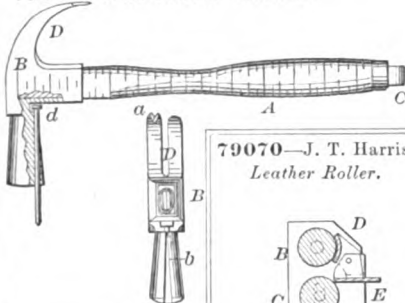
79060—J. Enright—*Passenger Register.*



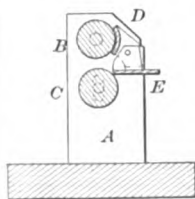
79065—J. Ginther—*Horse Rake.*



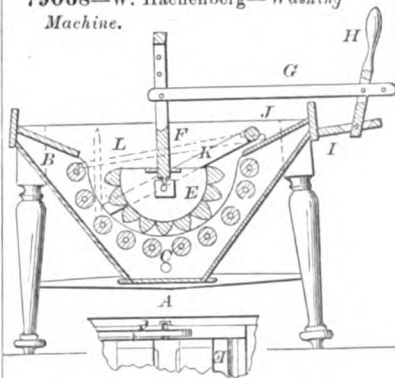
79066—J. H. Godwin—*Hammer.*



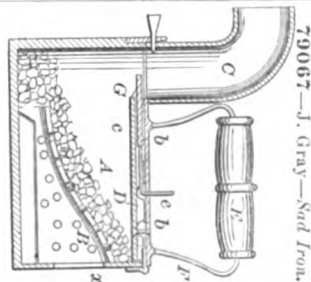
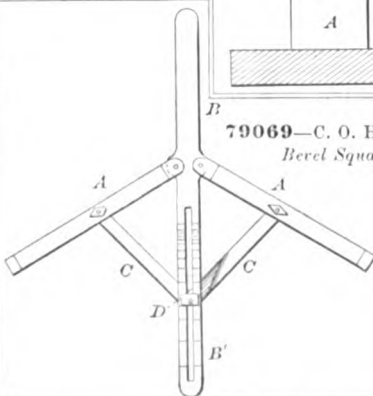
79070—J. T. Harris—*Leather Roller.*



79068—W. Hachenberg—*Washing Machine.*

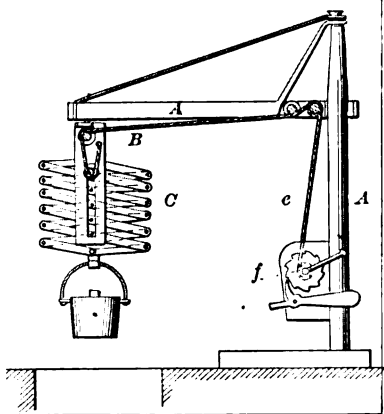


79069—C. O. Hansen—*Berel Square.*

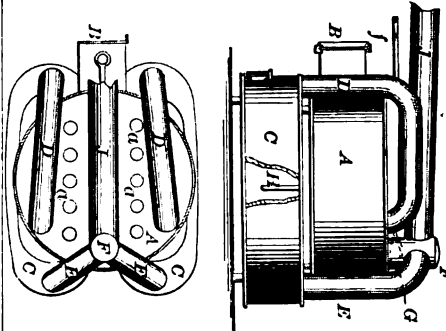


79067—J. Gray—*Sod Iron.*

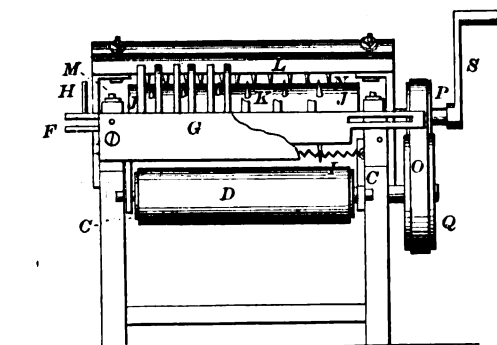
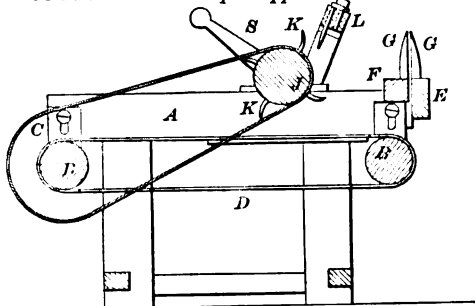
79071—D. Head—Hoisting Apparatus.



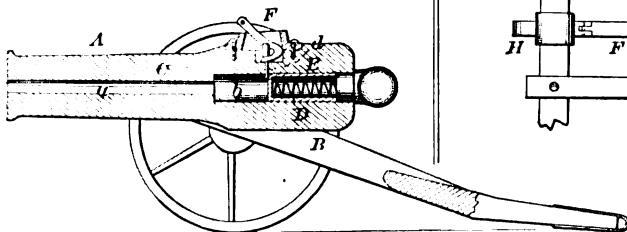
79075—Lee &amp; Hardenbergh—Hot Air Furnace.



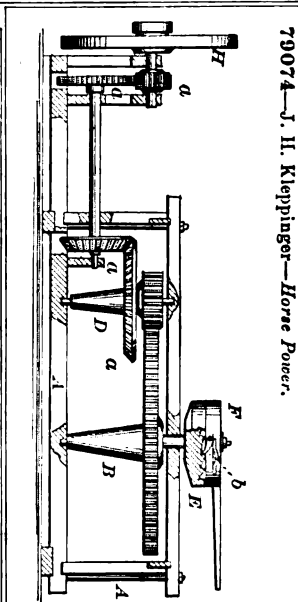
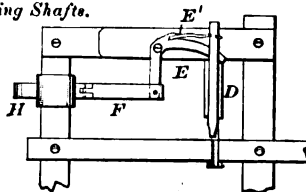
79072—S. Holt—Hop Stripper.



79073—G. E. Hutchinson—Toy Cannon.

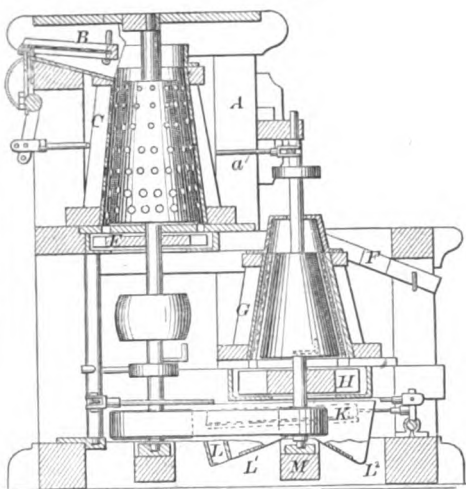


79076—E. O. Leermans—Safety Guard for Mining Shafts.

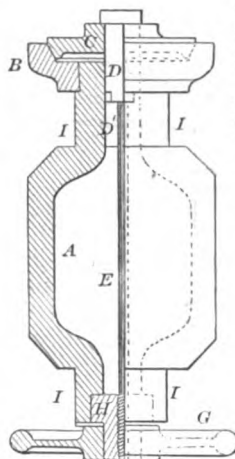


79074—J. H. Klepinger—Horse Power.

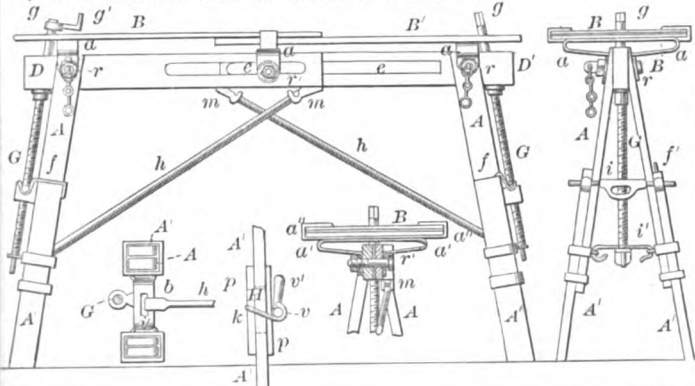
79077—C. Millar—*Smut Machine.*



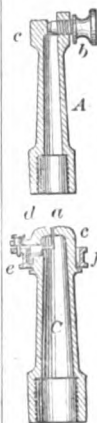
79080—W. T. Porter—*For Stopping and Starting Calendar Rolls.*



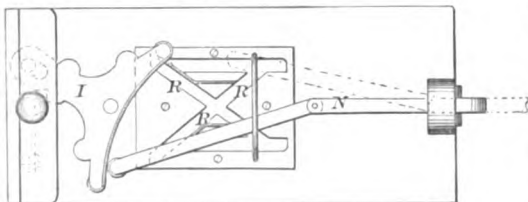
79079—Pierce & Glimsetal—*Extension Trestle.*



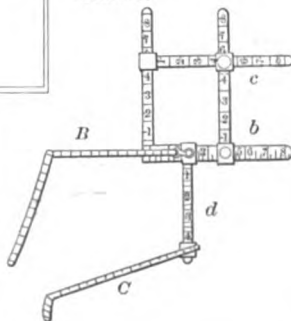
79081—A. C. Rand—*Gas Burner.*



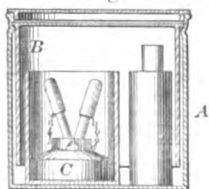
79082—Roush & Truby—*Organ.*



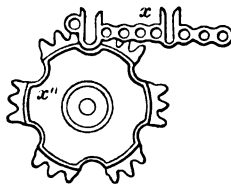
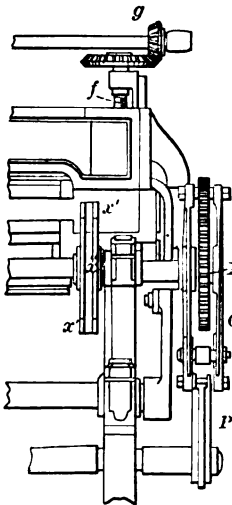
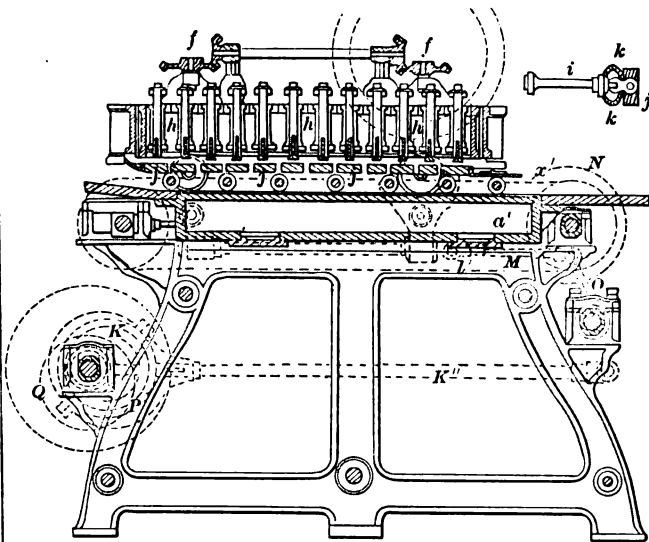
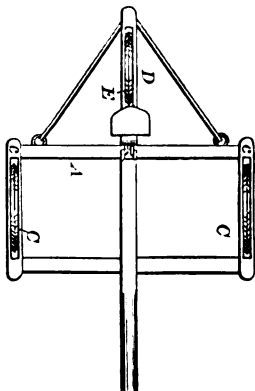
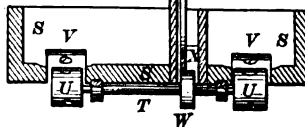
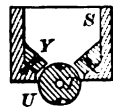
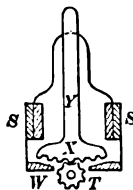
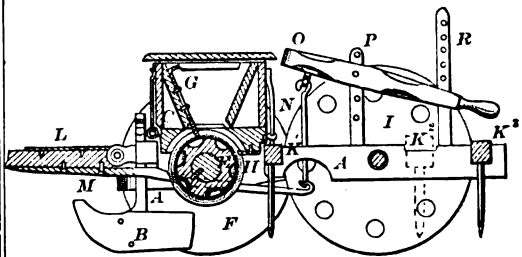
79083—Sinnott & McNaughton—*Tailors Measure.*



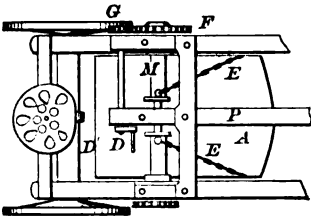
79084—J. Smallwood—*Portable Stove.*  
Fig. 2



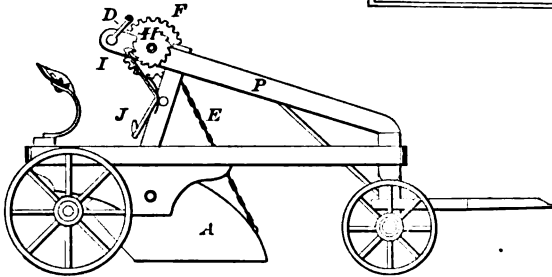
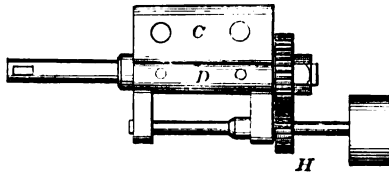


78991—C. Mossant—*Felting Machine.*78998—D. B. Platt—*Harrow, Drill, Planter and Roller.*78997—W. E. Phelps—*Corn Marker.*

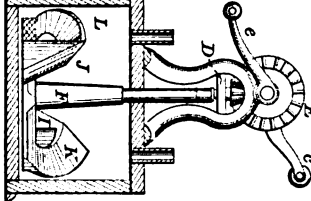
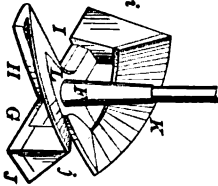
**78999**—F. Post—*Scraper.*



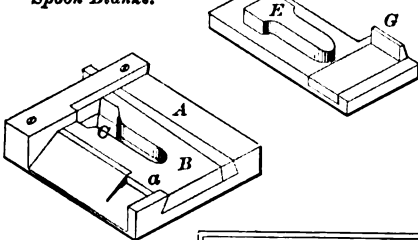
**79000**—G. Raft—*For Fitting Wrist Pins.*



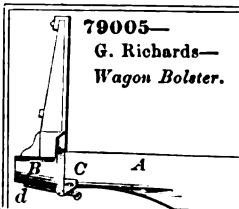
**79002**—C. C. Reese—*Churn.*



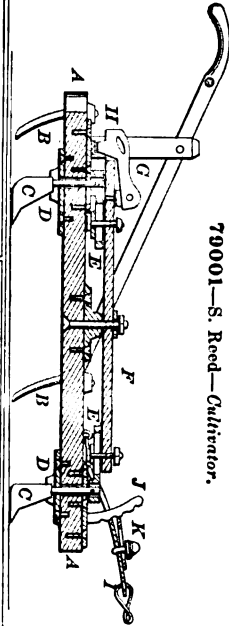
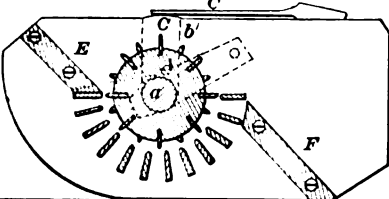
**79004**—Rich & Bassett—*Die for Cutting Spoon Blanks.*



**79005**—G. Richards—*Wagon Bolster.*

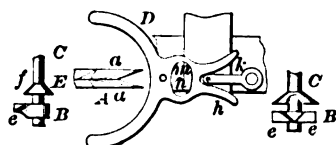
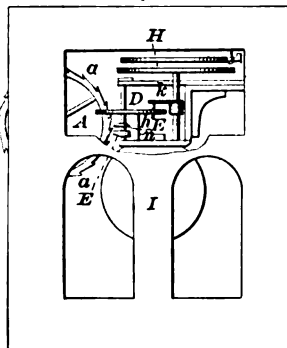


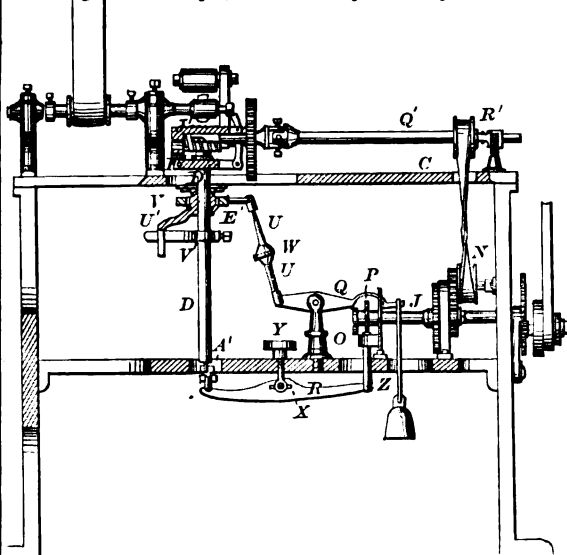
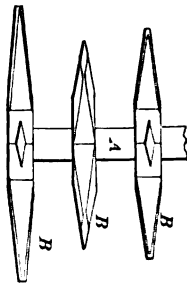
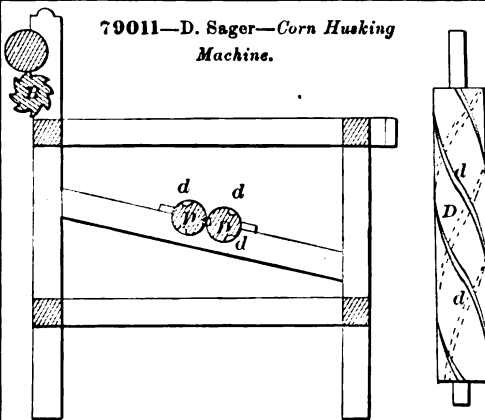
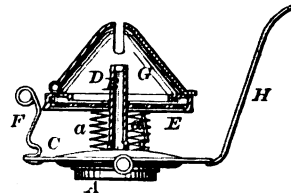
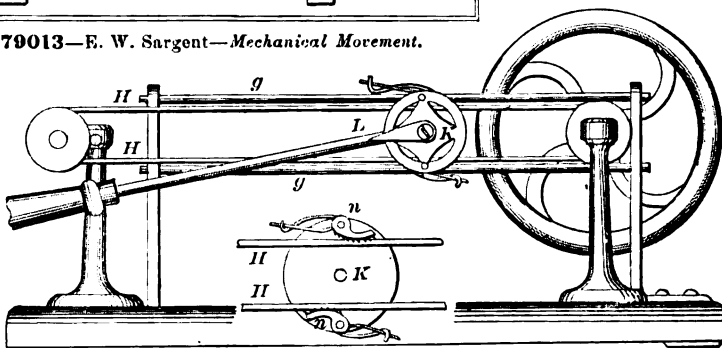
**79007**—W. Roberts—*Corn Sheller.*



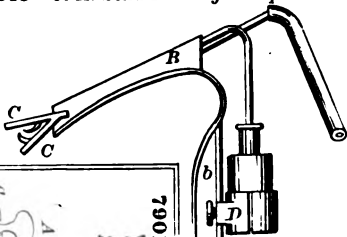
**79001**—S. Reed—*Cultivator.*

**79003**—C. Reinhart—*Clock Escapement.*

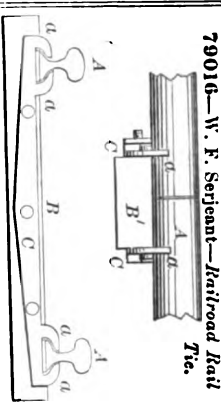


79006—E. H. Ripley—*For Planing Mouldings.*79008—J. H. Rowe—*Churn.*79012—N. C. Sanford—*Auger.*79011—D. Sager—*Corn Husking Machine.*79014—J. W. Schreiber—*Lamp Burner.*79013—E. W. Sargent—*Mechanical Movement.*

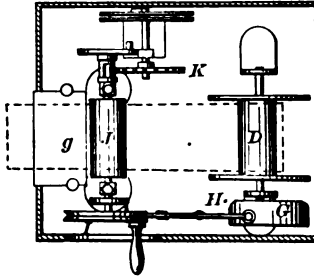
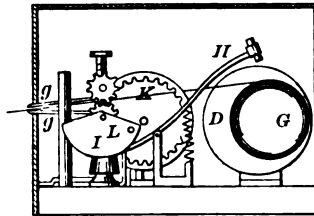
79015—O. A. Schulz—Tongue Depressor.



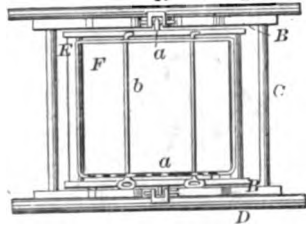
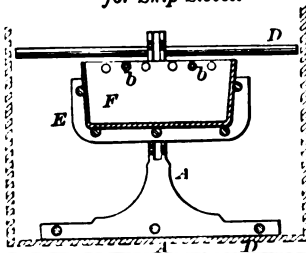
79016—W. F. Seigant—Railroad Tie.



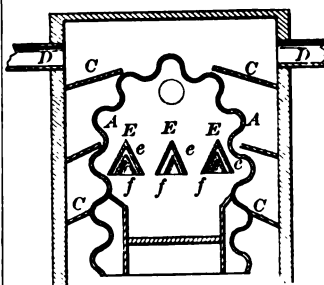
79017—Sichel & Feust—Ticket Register.



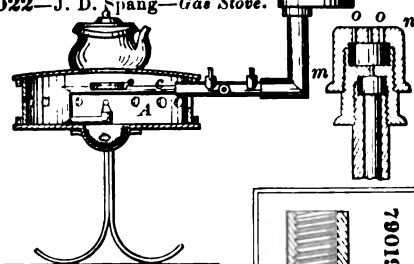
79018—F. L. A. Smith—Oven Rack for Ship Stoves.



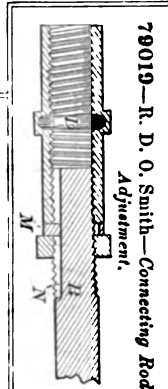
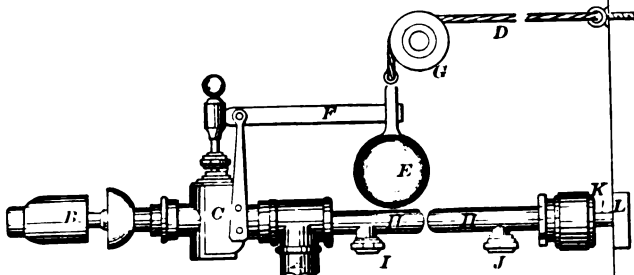
79020—S. Smith—Furnace.



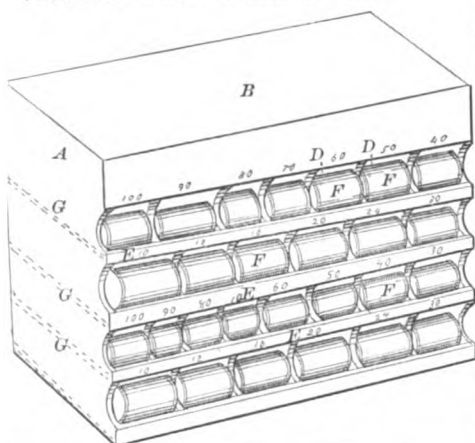
79022—J. D. Spang—Gas Stove.



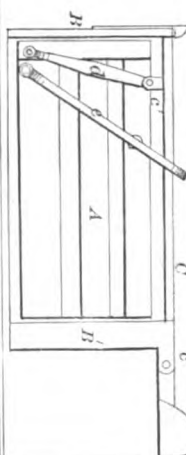
79021—J. Souther—Steam Fire Extinguisher.



79023—A. Steward—Thread Show Case.



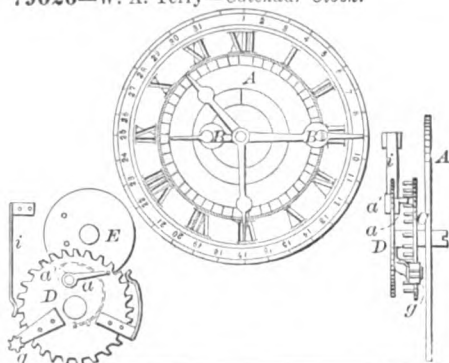
79025—A. Taylor—Farm Gate.



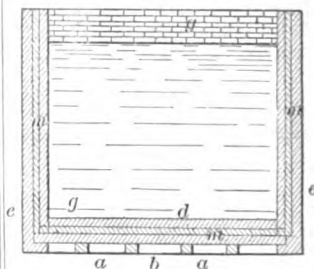
79029—W. R. Thomas—Car Wheel.



79026—W. A. Terry—Calendar Clock.



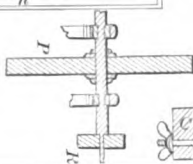
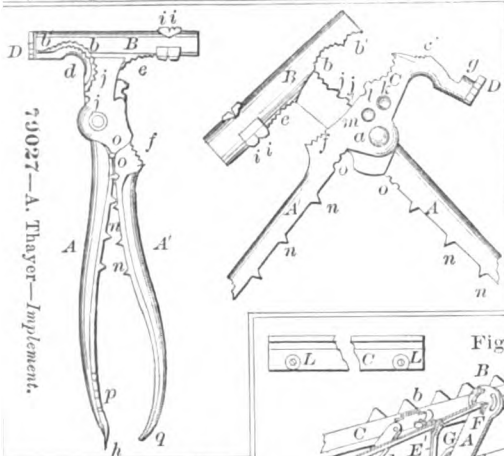
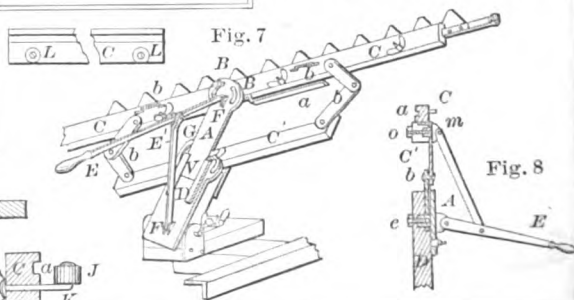
79028—M. Thode—Subterranean Wall.



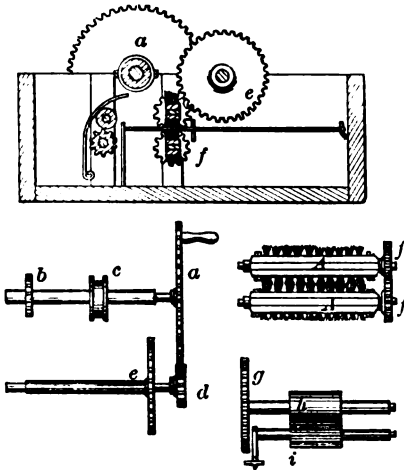
79024—E. Sullivan—For Covering Horse Collars.



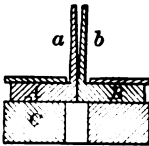
79030—J. A. Thompson—For Grinding Mowing Machine Knives.



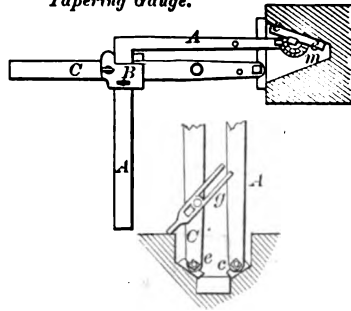
**79031—J. A. Thompson—For Cleaning Intestines of Animals.**



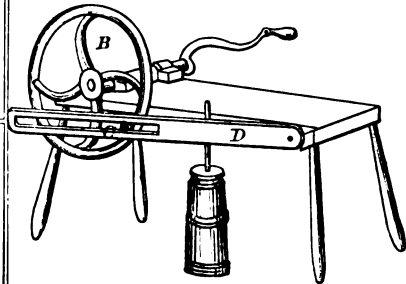
**79036—W. Wallace—For Forming Lamp Tubes.**



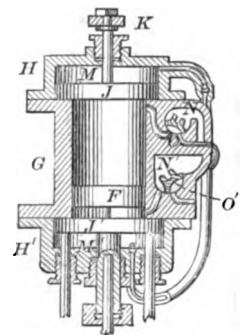
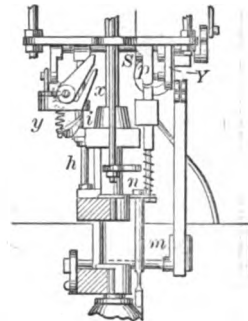
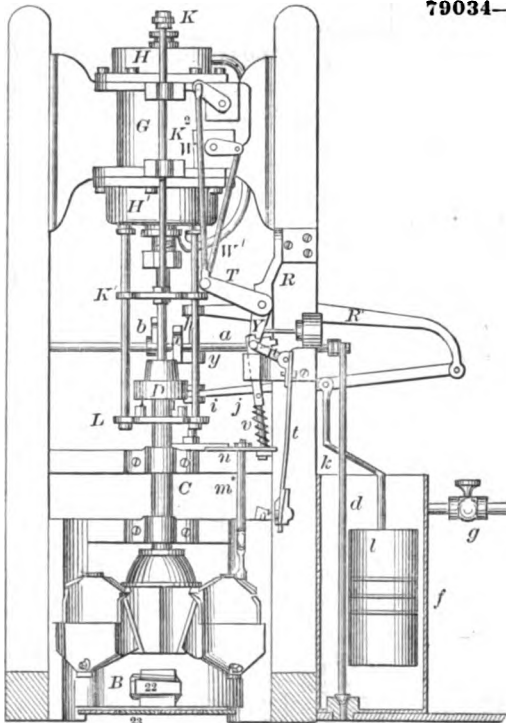
**79032—D. H. Tierney—Bevel and Tapering Gauge.**



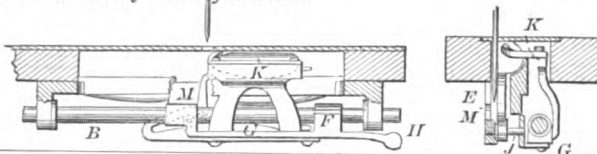
**79035—W. H. & L. Waddell—Churn.**



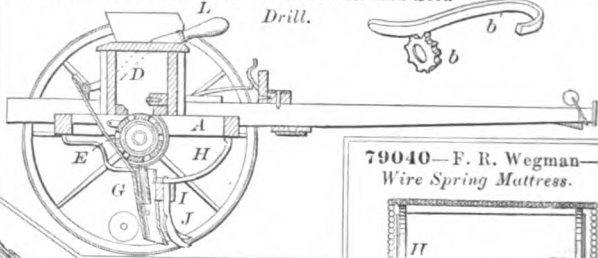
**79034—Uren & Walker—Stamp Mill.**



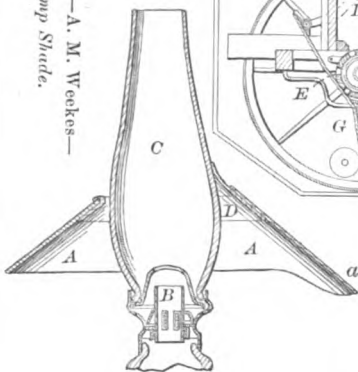
79037—E. Waterbury—Sewing Machine.



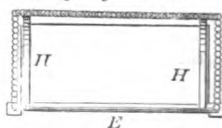
79038—J. Weaver, Jr.—Corn Planter and Seed Drill.



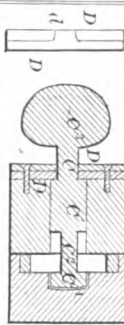
79039—A. M. Weekes—Lamp Shade.



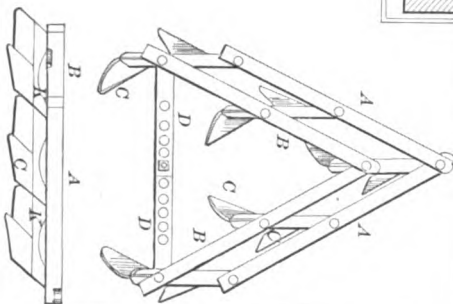
79040—F. R. Wegman—Wire Spring Mattress.



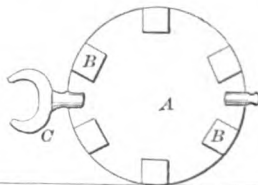
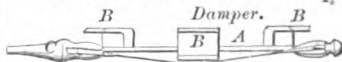
79041—F. Zell—Shutter Fastening.



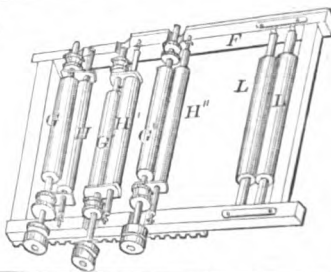
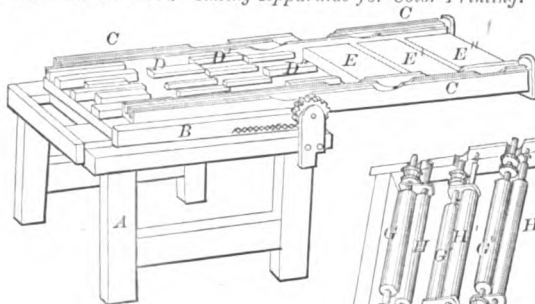
79042—F. R. Willson—Harrow.



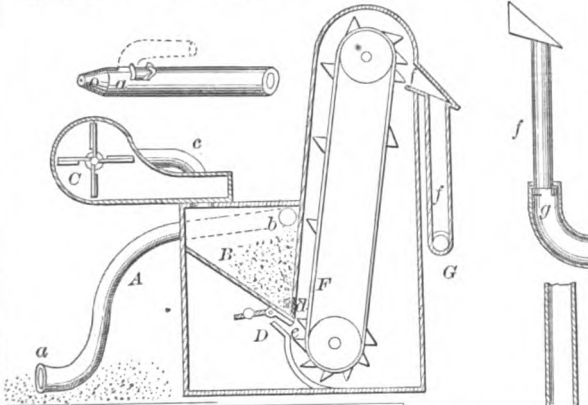
79041—D. A. White—Stove Pipe Damper.



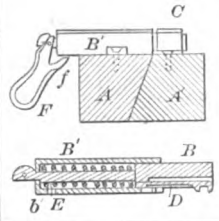
79043—G. W. Wood—Inking Apparatus for Color Printing.



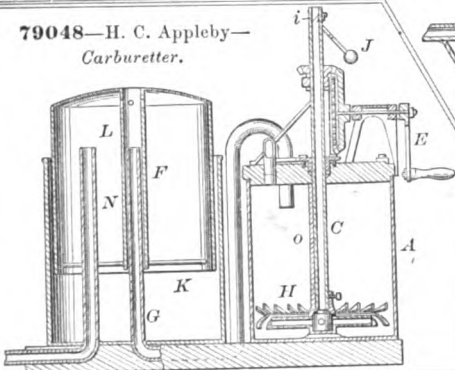
79044—S. W. Wood—Pneumatic Grain Elevator.



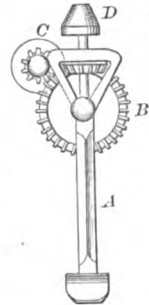
79046—F. Zell—Sash Fastener.



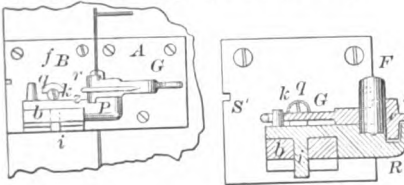
79048—H. C. Appleby—Carburetter.



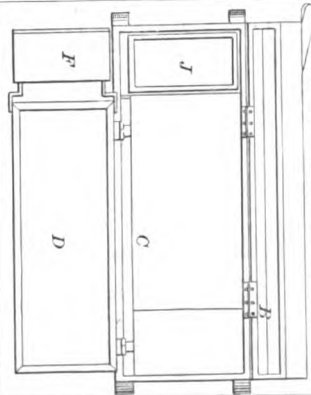
79049—D. W. Ayres—For Grinding Tools.



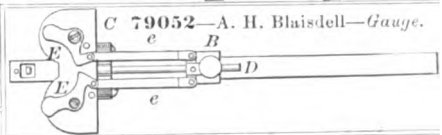
79051—E. H. Benjamin—Shutter Hinge.



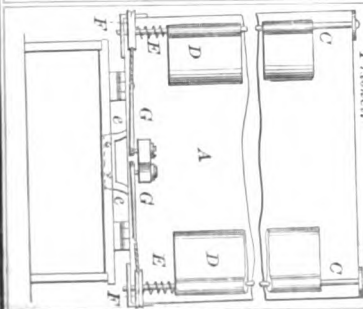
79050—L. H. Baker—Lounge.



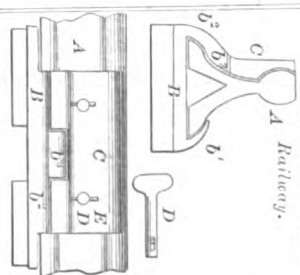
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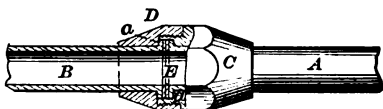
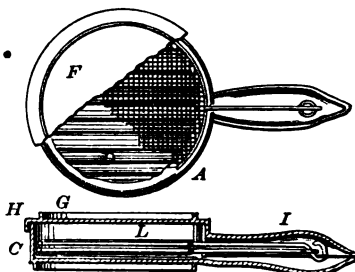
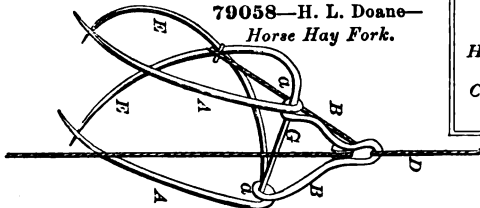
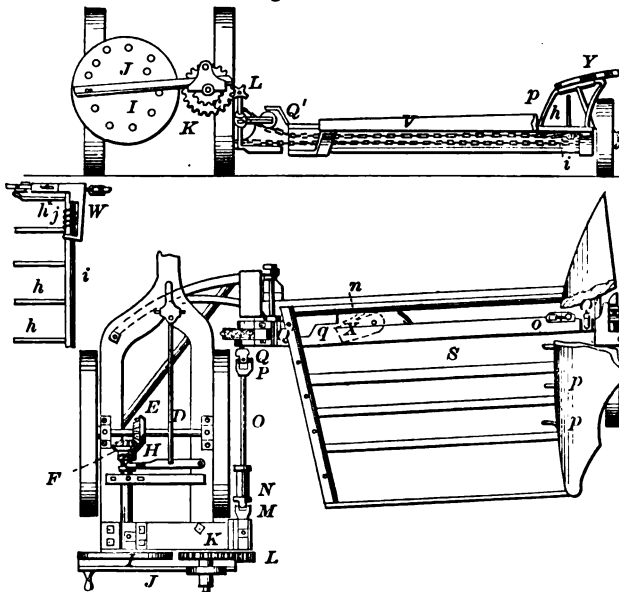
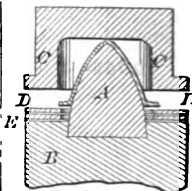
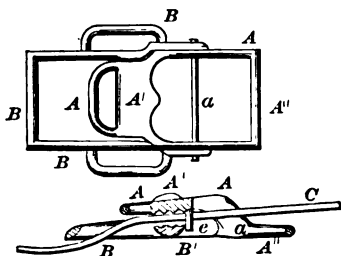
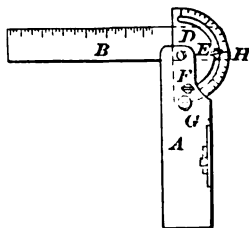
79053—Castle & Conner—Frisquet.



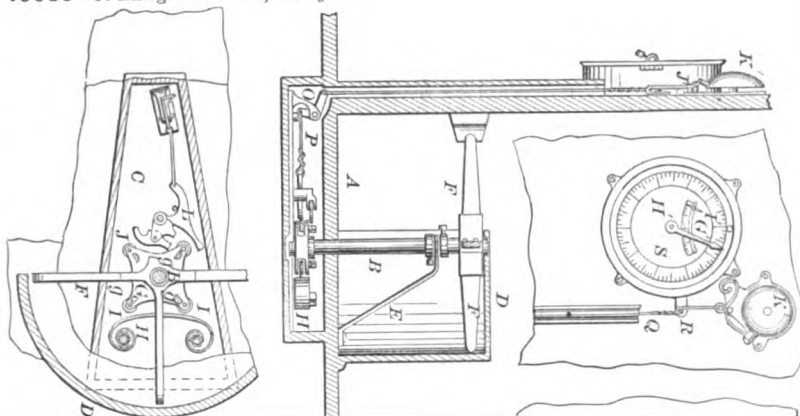
79054—J. G. Cross—Railway.



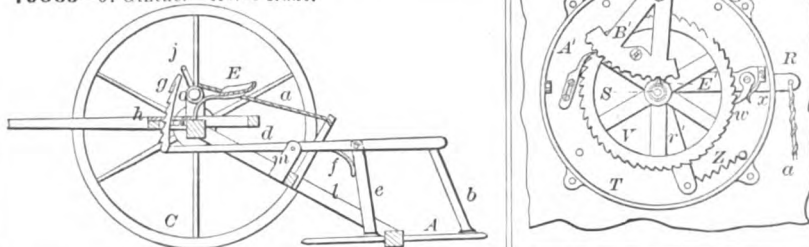


**79055—I. Davis—Connection for Soft Metal Pipes.****79056—C. Denn—Gridiron.****79058—H. L. Doane—Horse Hay Fork.****79057—H. F. W. Detording—Harvester Rake.****79059—J. Eberhardt—Hat Blocking Machine.****79061—R. H. Fisher—Cutlery.****79063—T. J. Flagg—Necktie and Watch Guard.****79064—M. Gayhart—Trace Buckle.****79062—W. T. Fisher—Bevel Square.**

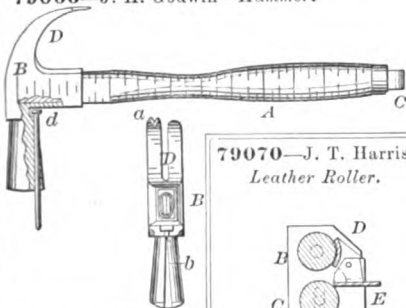
79060—J. Enright—*Passenger Register.*



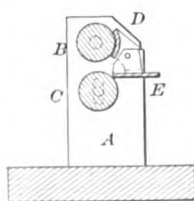
79065—J. Ginther—*Horse Rake.*



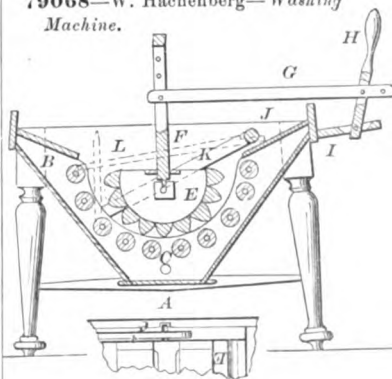
79066—J. H. Godwin—*Hammer.*



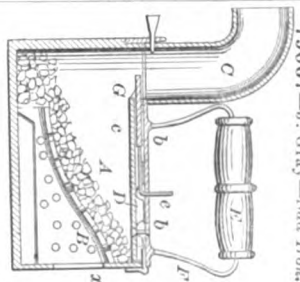
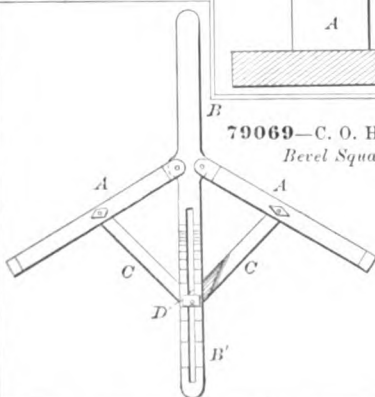
79070—J. T. Harris—*Leather Roller.*



79068—W. Hachenberg—*Washing Machine.*

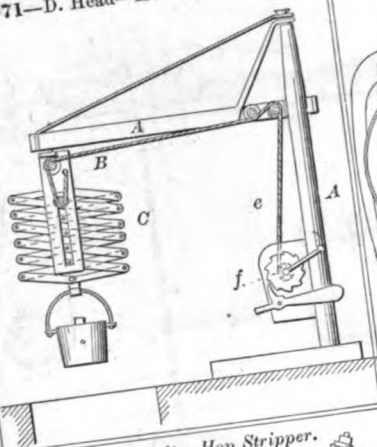


79069—C. O. Hansen—*Revel Square.*

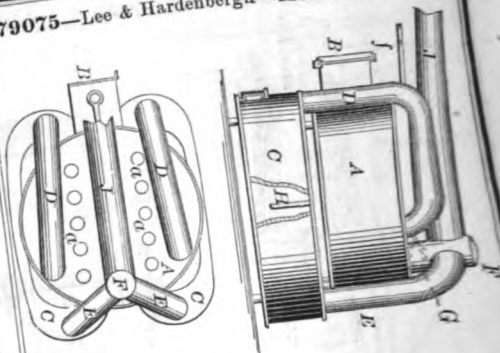


79067—J. Gray—*Sand Iron.*

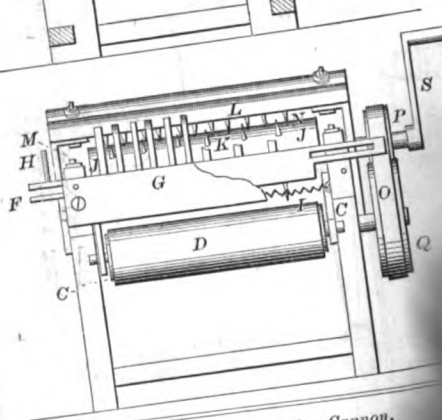
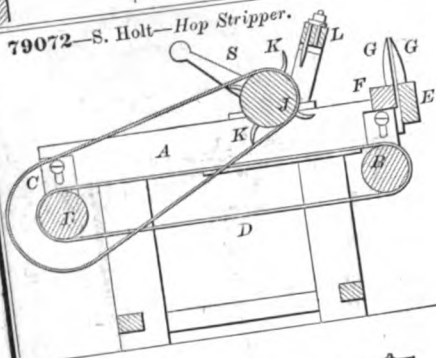
79071—D. Head—Hoisting Apparatus.



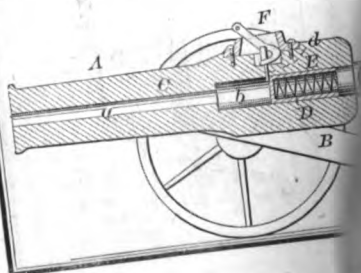
79075—Lee &amp; Hardenbergh—Hot Air Furnace.



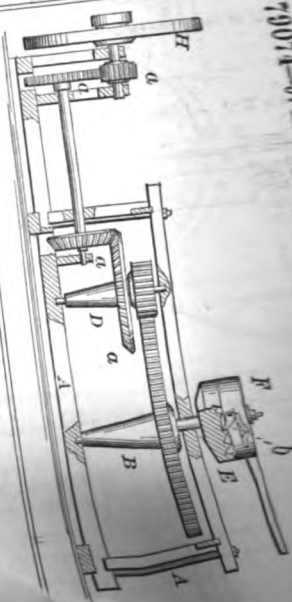
79072—S. Holt—Hop Stripper.

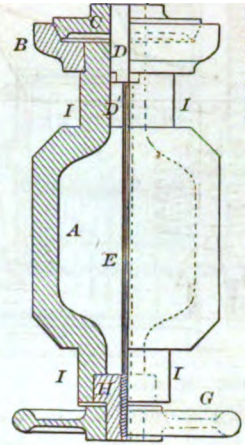
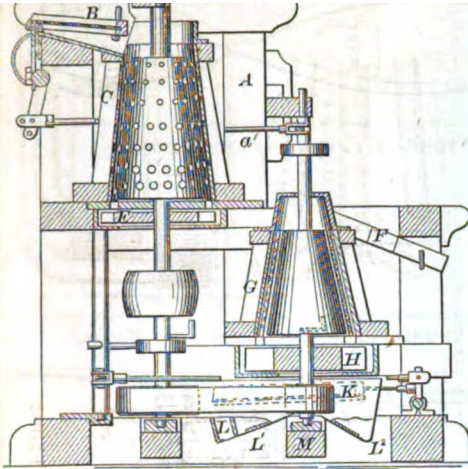


79073—G. E. Hutchinson—Toy Cannon.

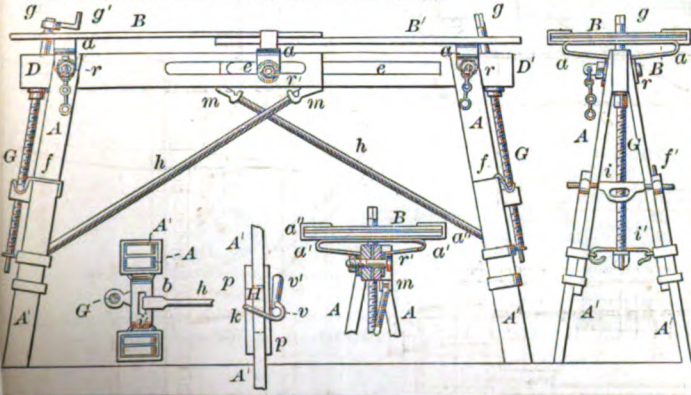


79074—J. L. Mappin

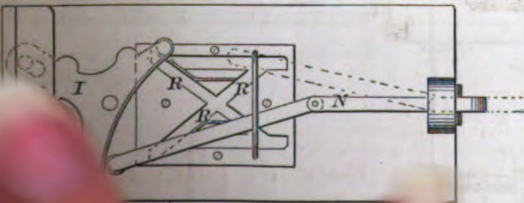
Safety  
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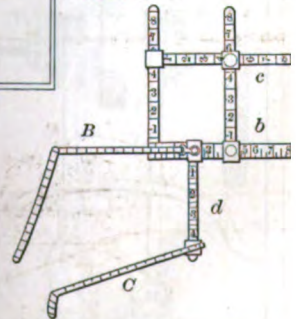
79079—Pierce & Glimsetal—Extension Trestle.



79082—Roush & Truby—Organ.



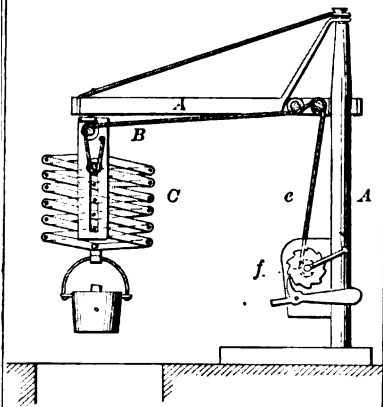
79083—Sinnott & McNaughton—Tailors Measure.



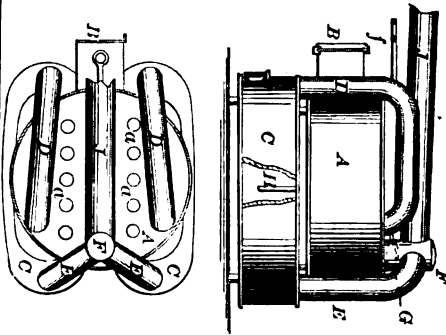
Willwood—Portable Stove.  
Fig. 2



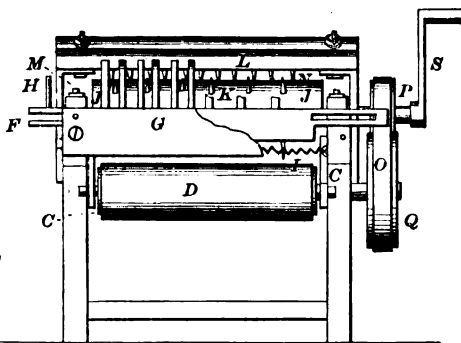
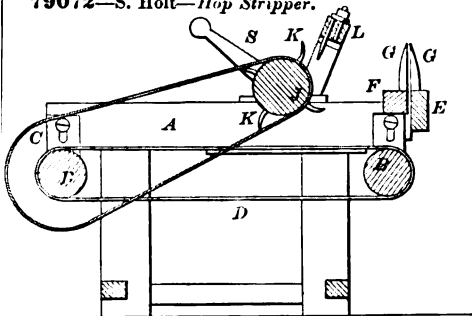
79071—D. Head—Hoisting Apparatus.



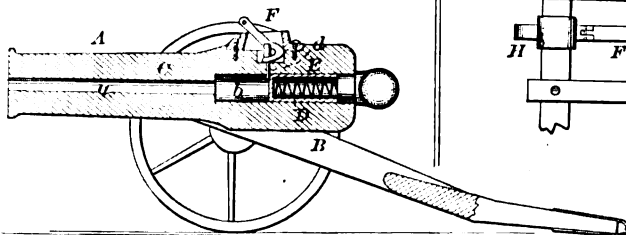
79075—Lee &amp; Hardenbergh—Hot Air Furnace.



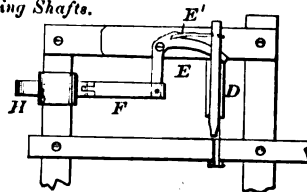
79072—S. Holt—Hop Stripper.



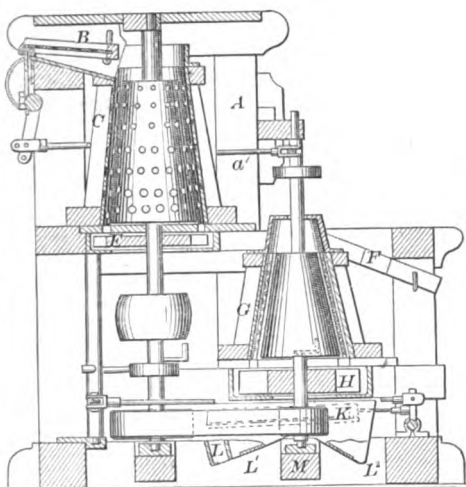
79073—G. E. Hutchinson—Toy Cannon.



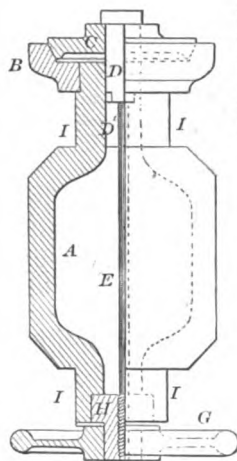
79076—E. O. Leermo—Safety Guard for Mining Shafts.



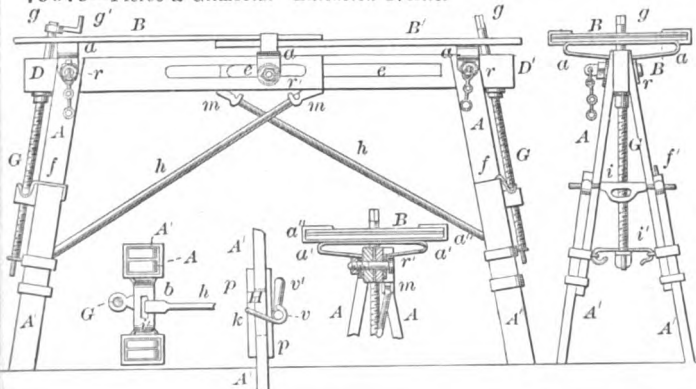
79077—C. Millar—Smut Machine.



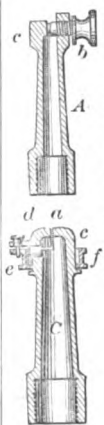
79080—W. T. Porter—For Stopping and Starting Calendar Rolls.



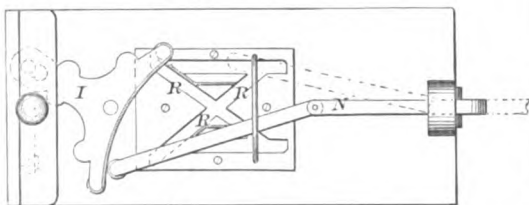
79079—Pierce & Glimsetal—Extension Trestle.



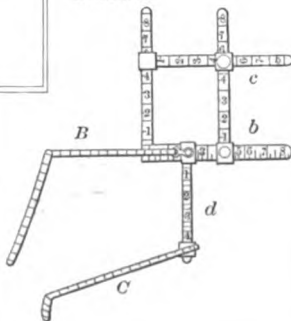
79081—A. C. Rand—Gas Burner.



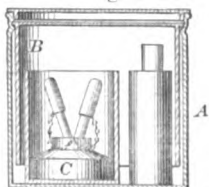
79082—Roush & Truby—Organ.



79083—Sinnott & McNaughton—Tailors Measure.

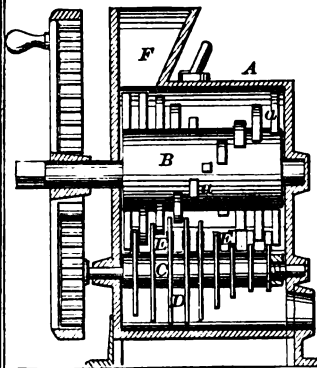


79084—J. Smallwood—Portable Stove.  
Fig. 2

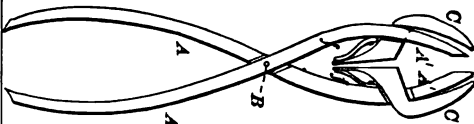




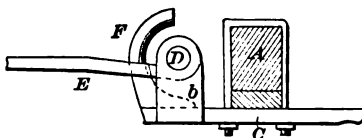
**79085—Stockstill & Dille—  
Meat Cutter.**



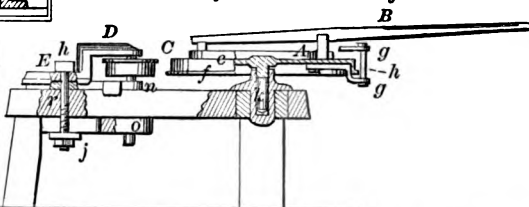
**79087—P. Thompson—Shoe Last.**



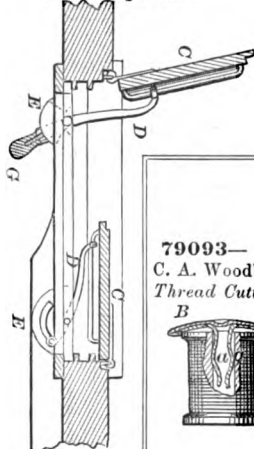
**79088—J. P. Thorp—Thill Coupling.**



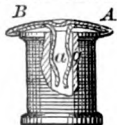
**79089—R. Tyrrell—Tire Bending Machine.**



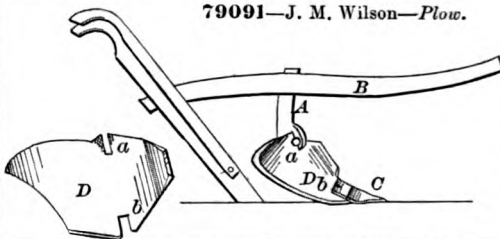
**79086—M. Streeter—  
Shutter Operator.**



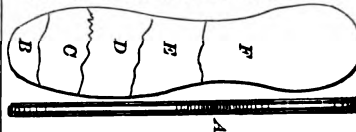
**79093—  
C. A. Woodbury—  
Thread Cutter.**



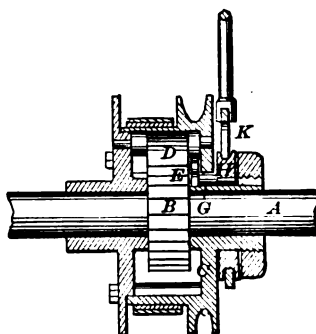
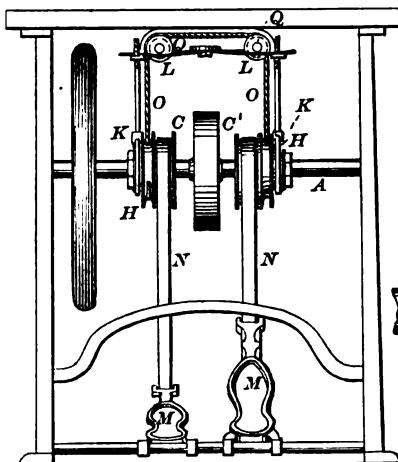
**79091—J. M. Wilson—Plow.**



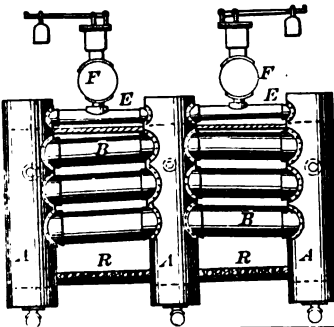
**79090—R. A. Webster—Inner Sole.**



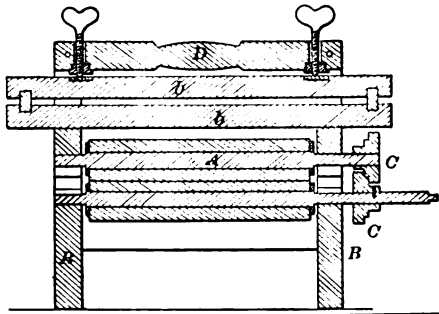
**79092—K. J. Winslow—For  
Converting Motion.**



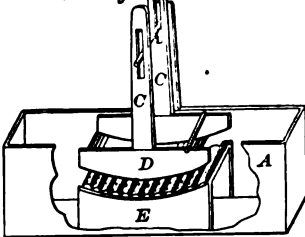
**79094—J. Armstrong—Steam Generator.**



**79096—A. M. Bailey—Wringer.**



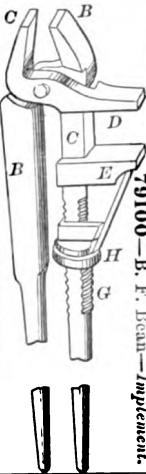
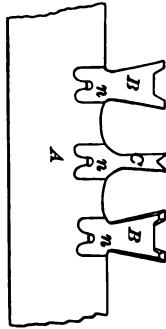
**79095—A. A. Atherton—Washing Machine.**



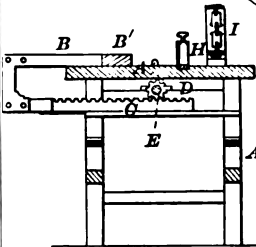
**79097—F. Baker—Cultivating Hops.**



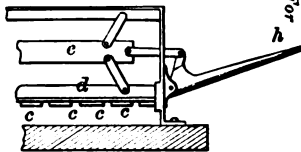
**79099—S. Barry—Saw.**



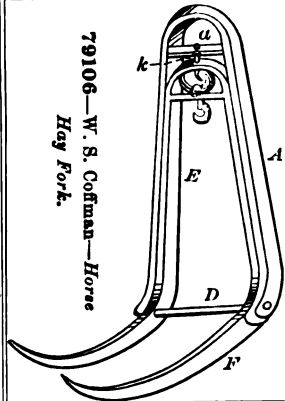
**79100—R. F. Dean—Implement.**



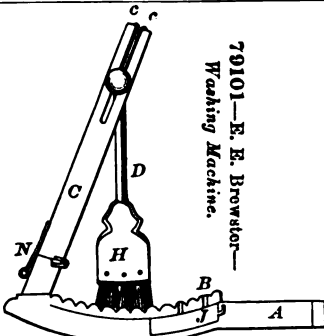
**79102—D. S. Brown—For Cutting Soap.**



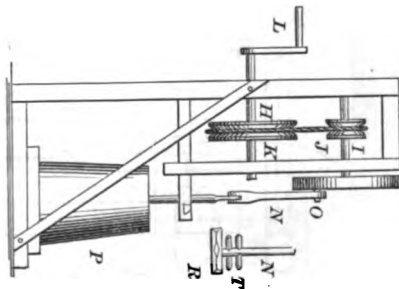
**79106—W. S. Coffman—Horse Hay fork.**



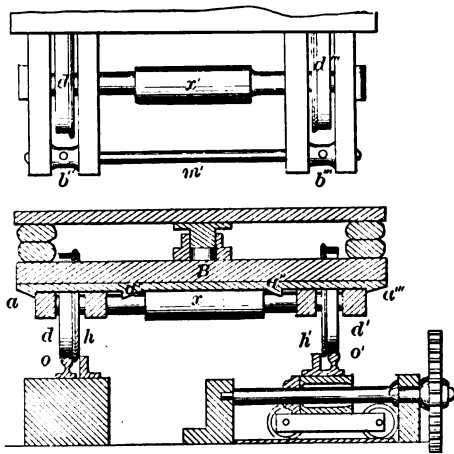
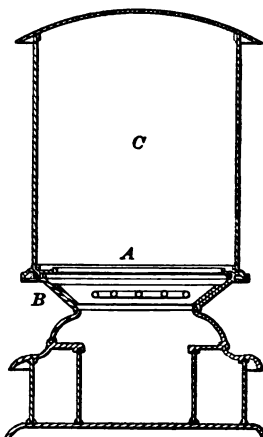
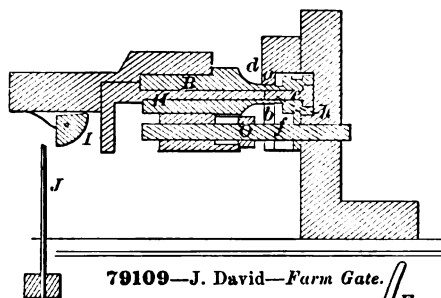
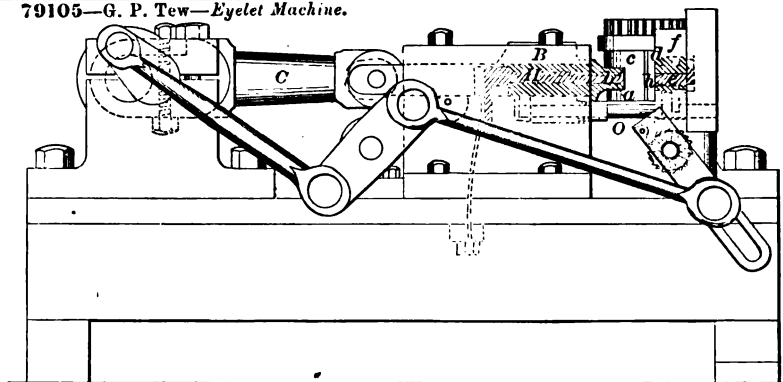
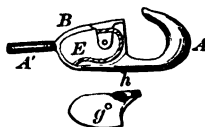
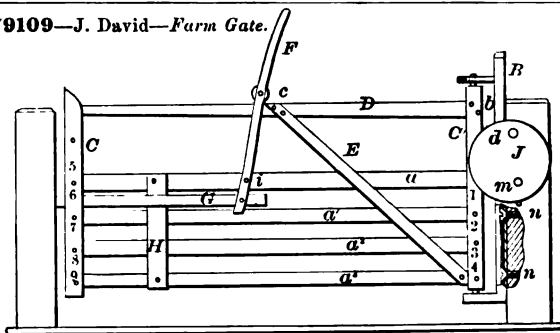
**79101—E. E. Brewer—Washing Machine.**



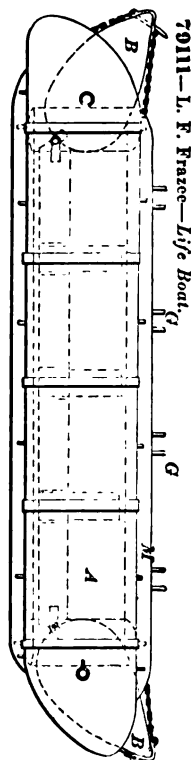
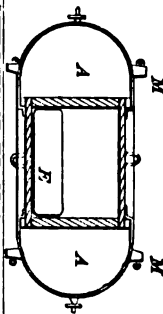
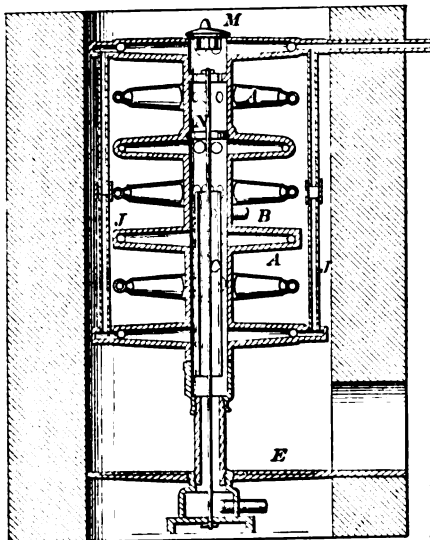
**79103—M. Calvert—Churn.**





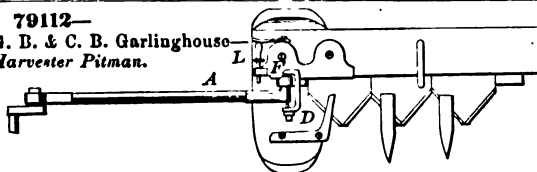
79104—H. T. Carter—*Car Truck*79108—D. B. Cox—*Ring for Stoves.*79105—G. P. Tew—*Eyelet Machine.*79107—E. A. Cooper—*Harness Snap.*79109—J. David—*Farm Gate.*

79110—G. B. Field—Steam Generator.



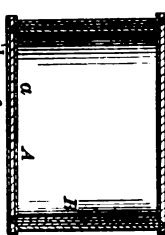
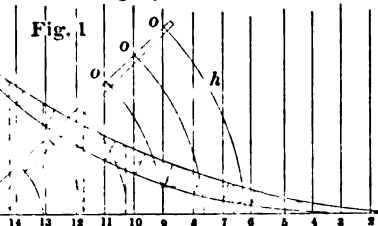
79111—L. F. France—Life Boat.

79112—  
G. B. & C. B. Garlinghouse  
Harvester Pitman.



79114—W. Hagerty—Steamboat Hull.

Fig. 1

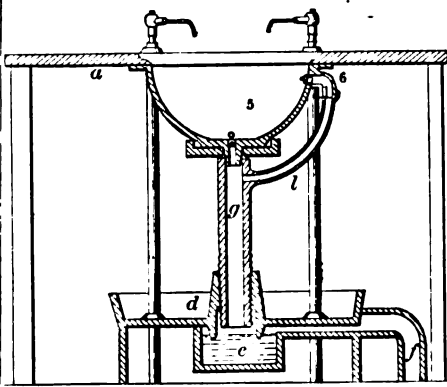


79113—W. B. Guernsey—  
Hoc.

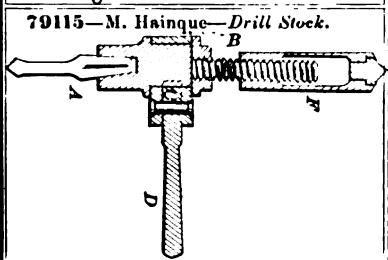
79116—D. E. Hall—Joint  
Clamp.



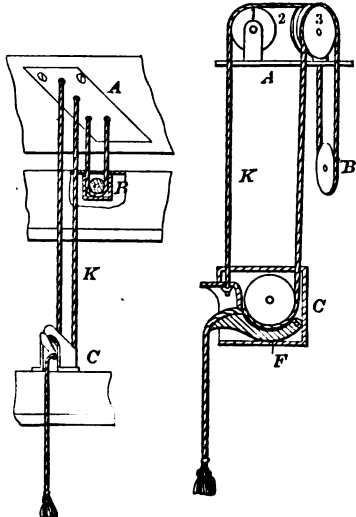
79117—B. Havanagh—Wash Basin Pipe.



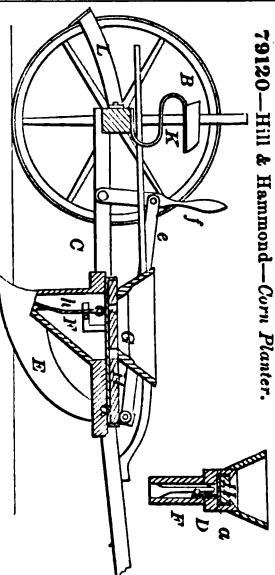
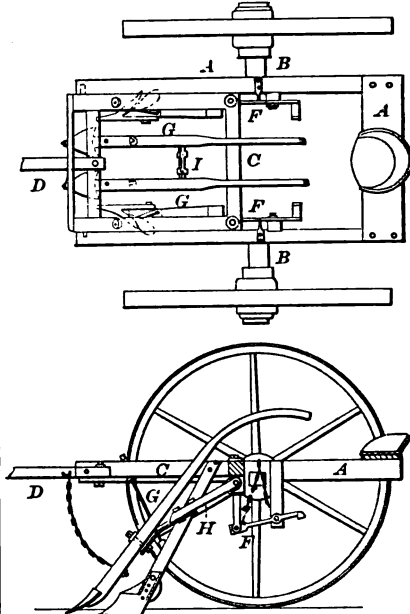
79115—M. Hainque—Drill Stock.



79118—A. B. Hester—Sash Balance.

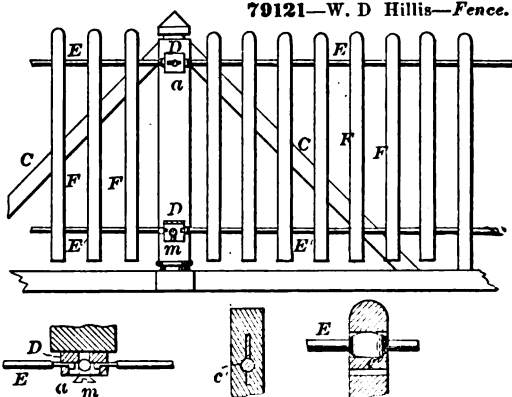


79119—J. H. Hill—Cultivator.



79120—Hill &amp; Hammond—Corn Planter.

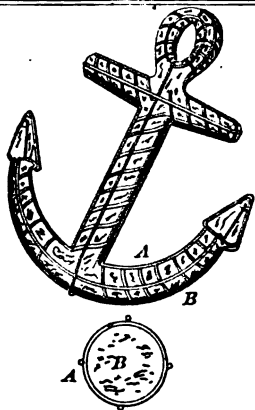
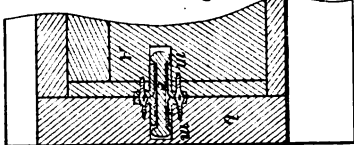
79121—W. D. Hillis—Fence.



79123—A. Holbrook, Jr.—Book Binding.

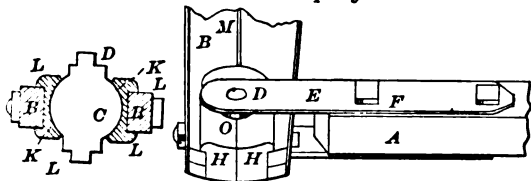


79125—S. W. Huntington—Door Spring.

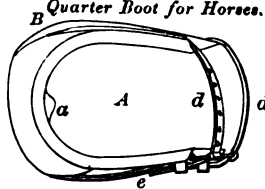


79122—C. Hochbrunn—Floor Frame.

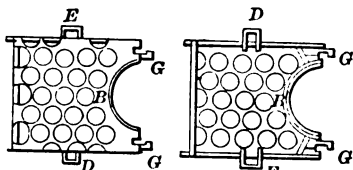
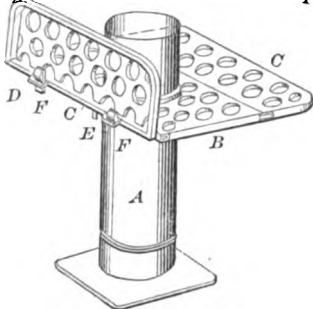
79124—J. F. Hollister—Door Spring.



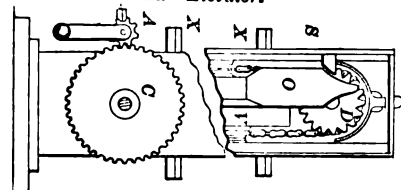
79128—W. H. Jones—  
Quarter Boot for Horses.



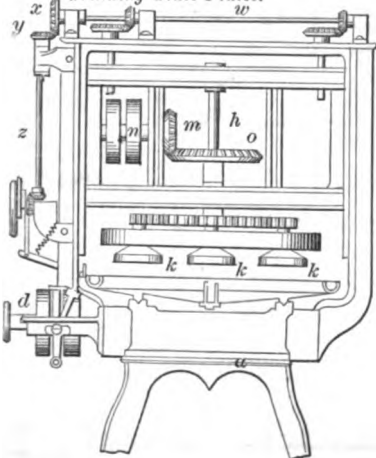
79127—H. C. Johnson—Stove Pipe Shelf.



79129—G. Joslin—Elevator.



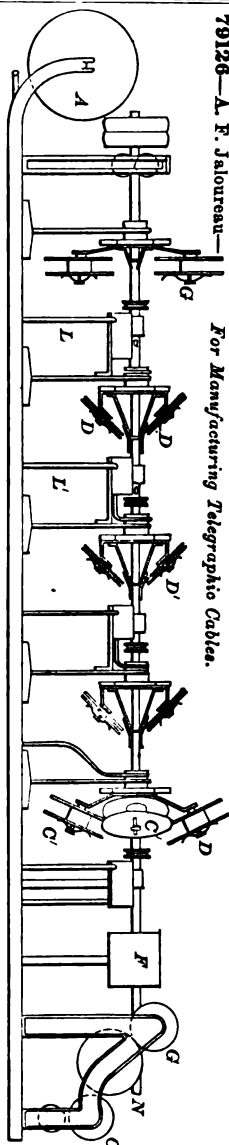
79131—Kendall & Hathaway—For  
Grinding Glass Plates.



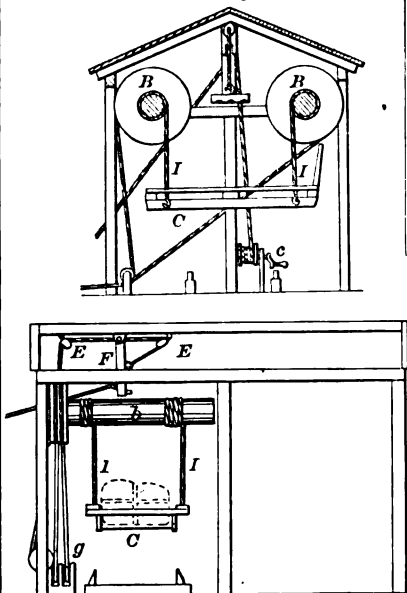
79133—A. Kirkpatrick—For  
Shielding Plants from Hoes.



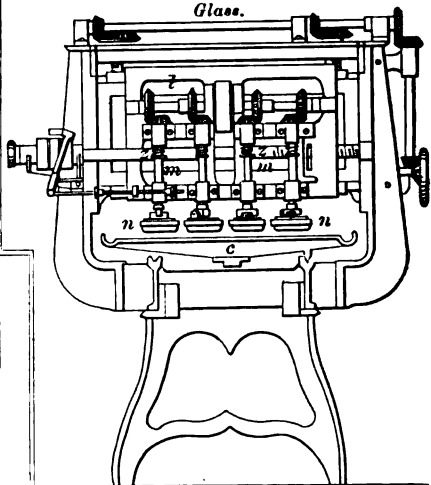
79126—A. F. Jaloureau—  
For Manufacturing Telegraphic Cables.



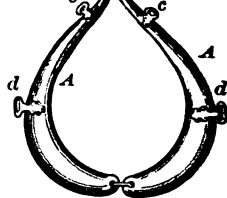
79130—H. Keck—Hay Elevator.



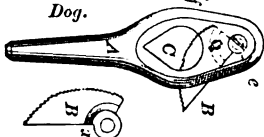
79132—Kendall &amp; Hathaway—For Polishing Glass.



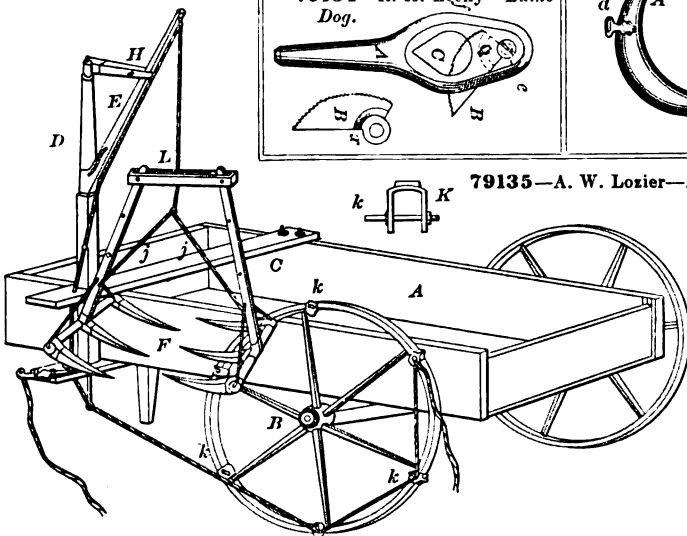
79137—C. K. Marshall—Horse Collar.



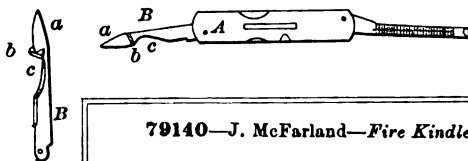
79134—R. H. Lecky—Lathe Dog.



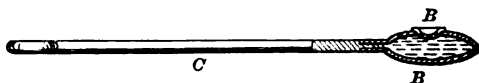
79135—A. W. Lozier—Hay Loader.



79139—J. E. McBeth—Pocket Knife.



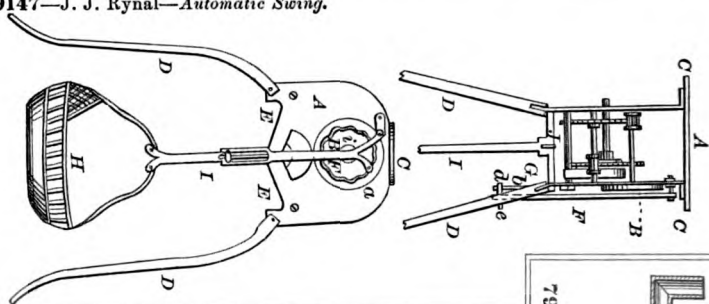
79140—J. McFarland—Fire Kindler.



79136—Lyder &amp; Shreve—Slicing Belting.



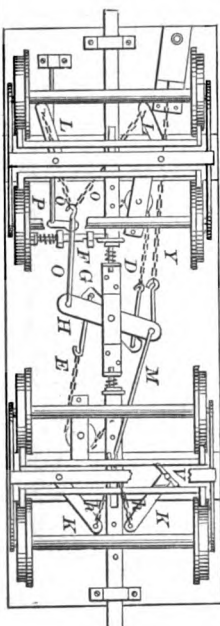
79147—J. J. Rynal—Automatic Swing.



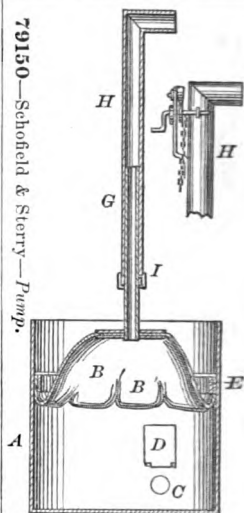
79148—L. E. Sallee—Leather Work Ornament.



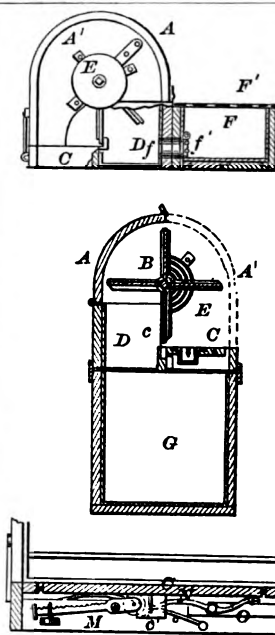
79149—A. H. Sassaman—Car Brake



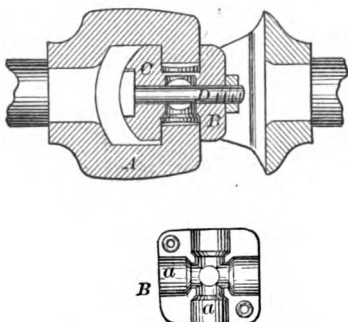
79150—Schofield &amp; Slerry—Pump.

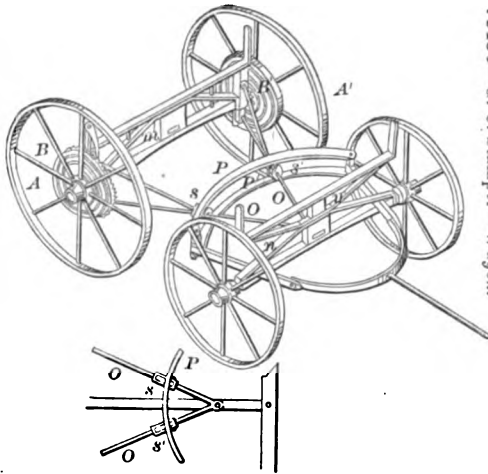


79154—G. C. Stamper—Animal Trap.



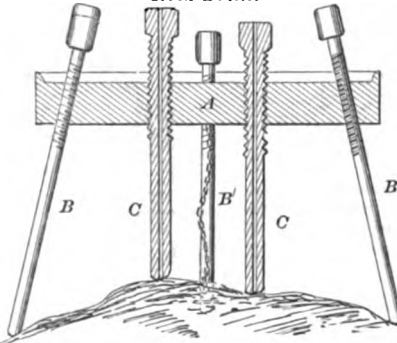
79153—W. Smead—Joint Coupling.



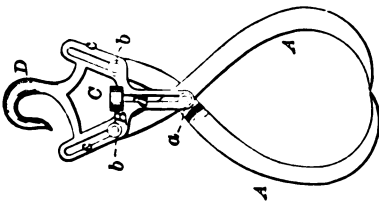


79155—G. C. Stumper—Wagon.

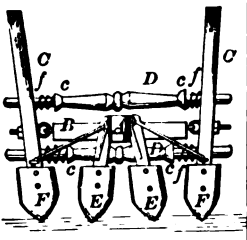
79158—Sweeney & Bradburn—Platform for Rock Drills.



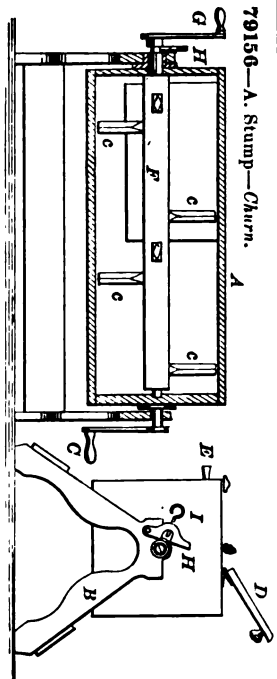
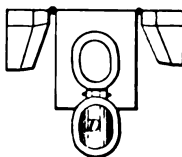
79159—J. B. Sweetland—Hook.



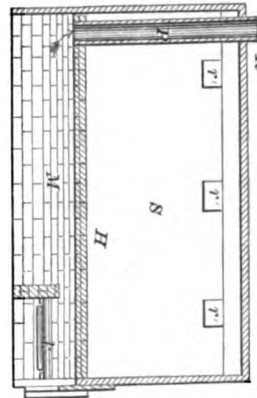
79161—E. Terril—Cultivator.



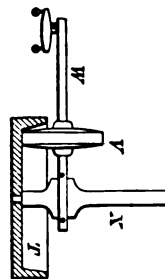
79162—L. Thomas—Bottle Mould.



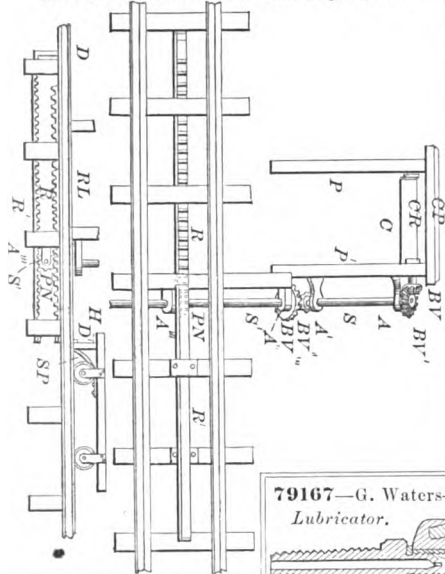
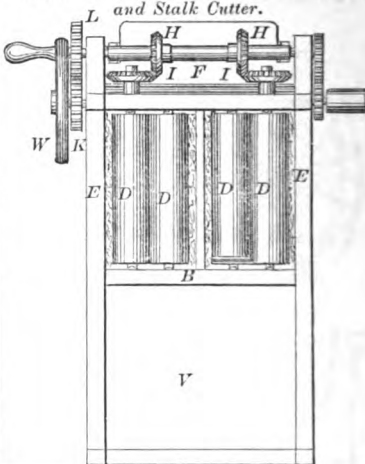
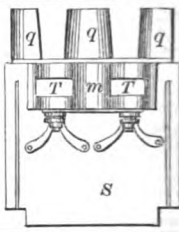
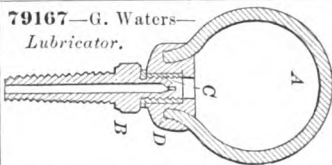
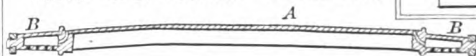
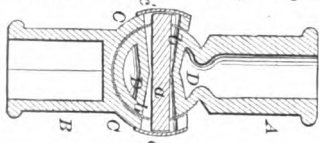
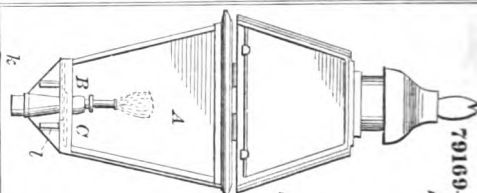
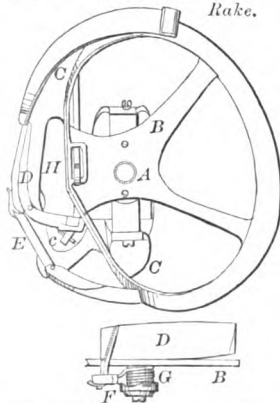
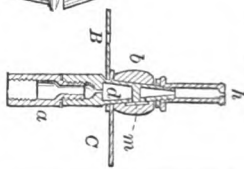
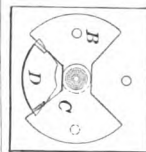
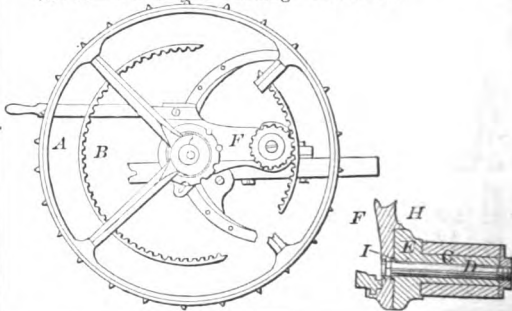
79156—A. Stump—Churn.



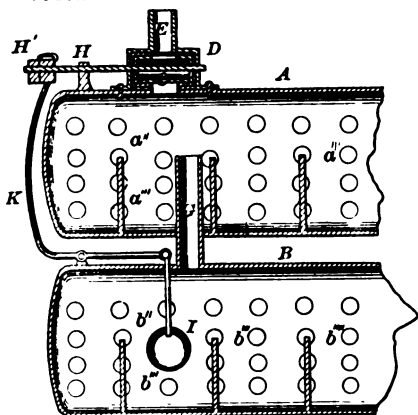
79160—D. A. Ter Hoeven—Manufacture of Fertilizers.



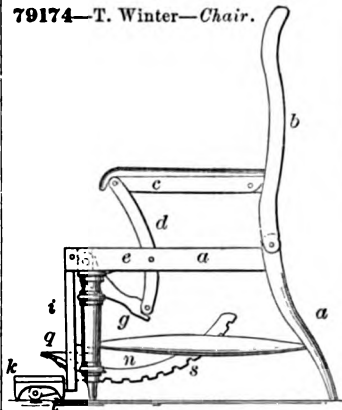


79163—S. C. Thornton—*Railway Signal.*79166—Warriner & Baker—*Corn Husker and Stalk Cutter.*79167—G. Waters—*Lubricator.*79165—S. D. Wackman—*Vehicle Axle.*79164—H. M. Viets—*Cheese Hoop.*79166—S. Wheeler—*Shaft Coupling.*79170—W. N. Whiteley—*Harvester Rake.*79169—W. O. Wheeler—*Street Lamp.*79171—Whiteley & Harding—*Harvester.*

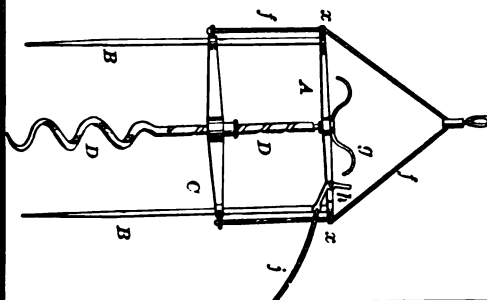
79172—R. Wilde—Steam Generator.



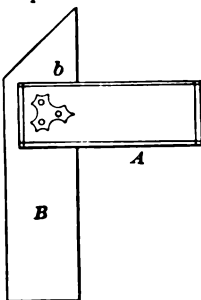
79174—T. Winter—Chair.



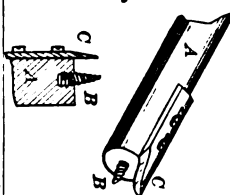
79173—H. Willard—Horse Hay Fork.



79175—W. S. Winterbottom—Square and Mitre.



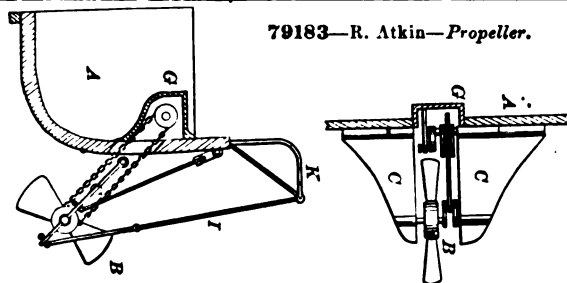
79181—F. T. Andrew—For Testing Shoe Soles.



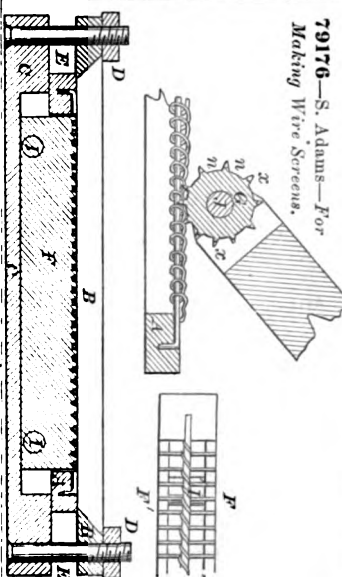
79180—R. B. Anderson—Securing Buckles to Harness.



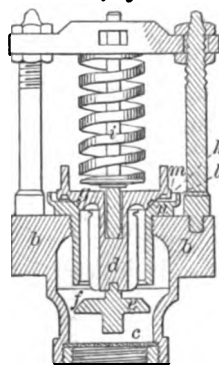
79183—R. Atkin—Propeller.



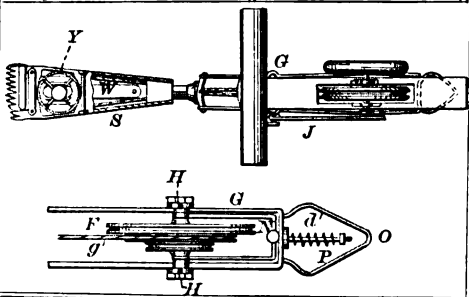
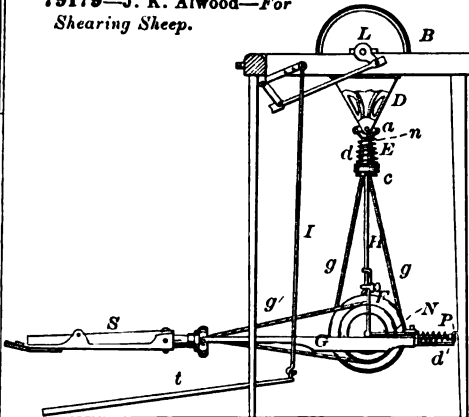
79176—S. Adams—For Making Wire Screens.



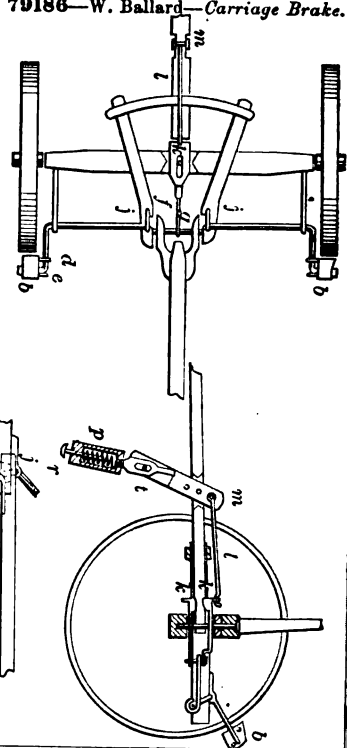
79182—E. H. Ashcroft—Steam Safety Valve.



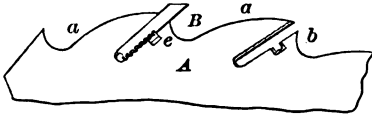
**79179—J. K. Alwood—For  
Shearing Sheep.**



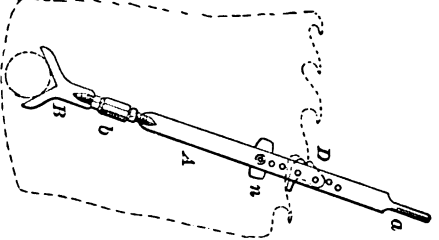
**79186—W. Ballard—Carriage Brake.**



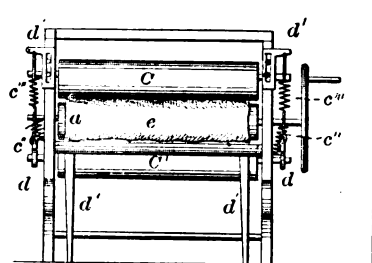
**79185—J. G. Baker—Saw.**



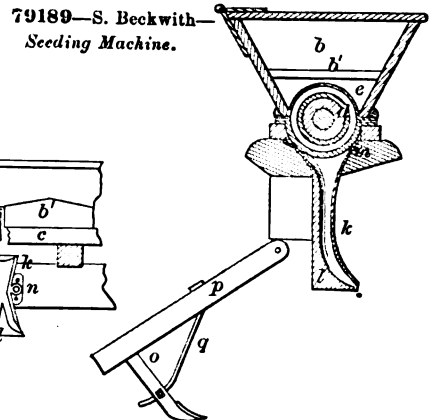
**79184—J. G. Baker—Sawge for Circular Saws.**



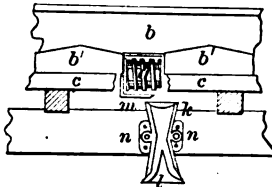
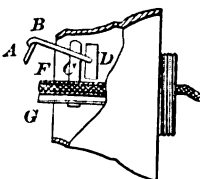
**79188—J. Beaumont—Mangle.**



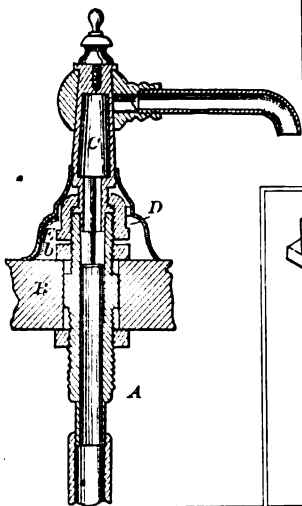
**79189—S. Beckwith—  
Seeding Machine.**



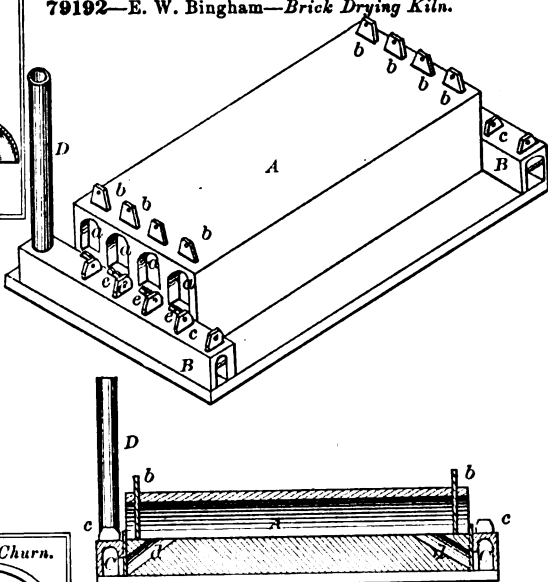
**79187—  
S. J. Batchelder—  
Lamp Extinguisher.**



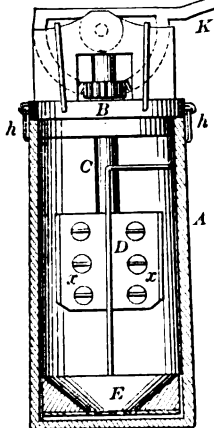
79190—J. Benson—Faucet.



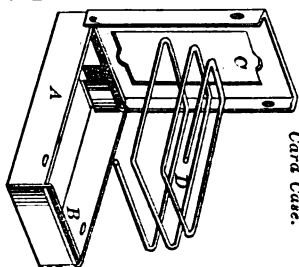
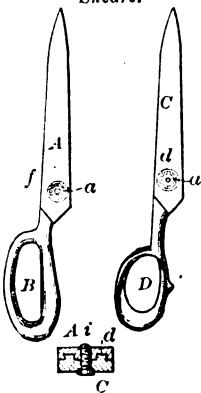
79192—E. W. Bingham—Brick Drying Kiln.



79197—Bradly & Jordan—Churn.

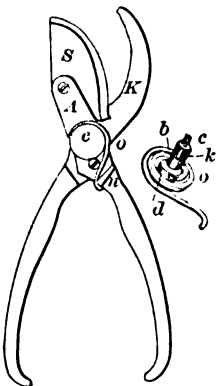


79193—C. Bishop—Shears.

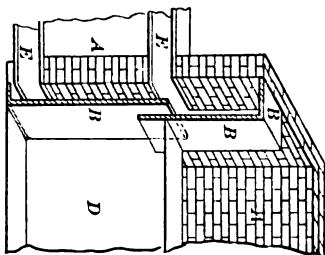
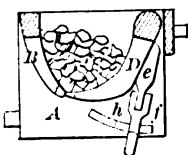


79194—C. C. Blakemore—Card Case.

79191—G. Bergner—Shears.

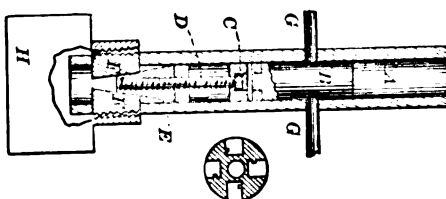


79195—E. Bosdevex—Grate.



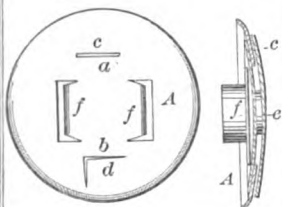
79199—J. Brown—Sewer.

79198—J. Brewer—Mandrel.

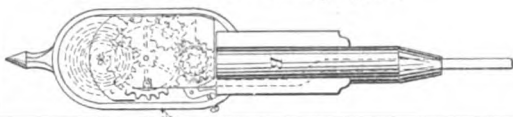




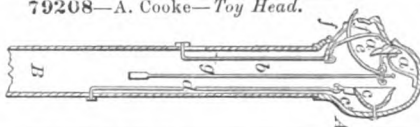
**79207**—A. Clow—Guiding Plate for Filling Shuttles.



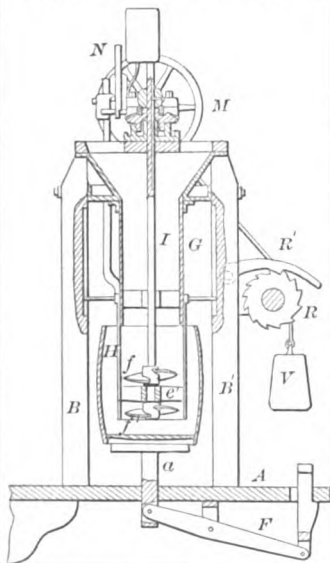
**79209**—C. Corliss—For Adding Figures.



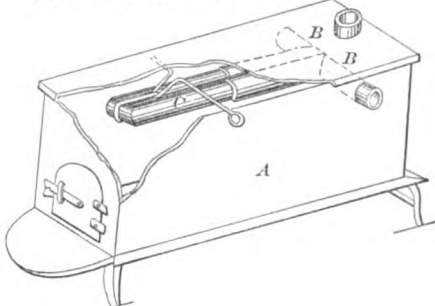
**79208**—A. Cooke—Toy Head.



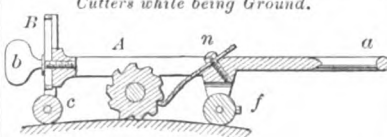
**79211**—C. Custer—Flour Packer.



**79212**—D. W. Cutting—Stove Drum.



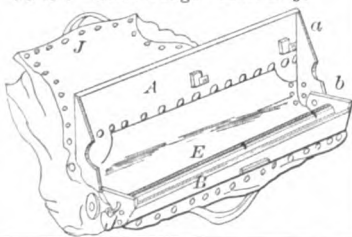
**79213**—H. Disston—For Holding Rotary Cutters while being Ground.



**79210**—A. J. Cross—Hoop Skirt Clasp

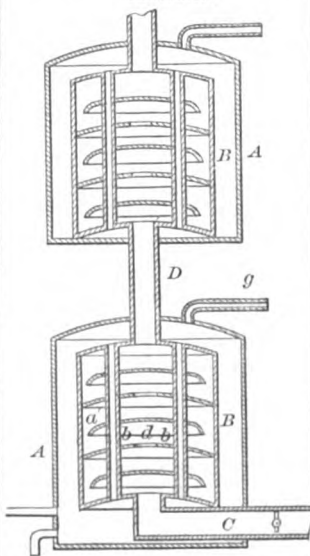


**79214**—D. F. Dodge—Mail Bag.

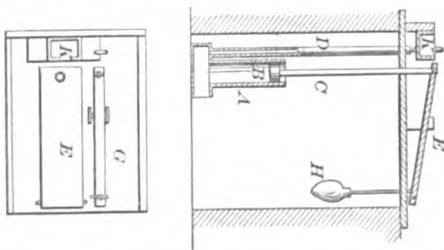


**79216**—J. E. Earle—Corker.

**79215**—E. Dunscomb—Steam Generator.

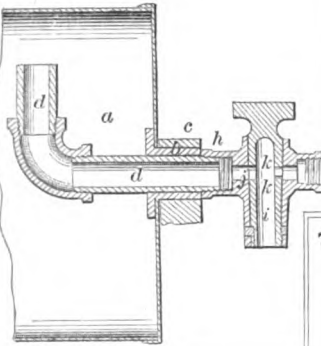


**79217**—C. F. Eastlack—Pump.

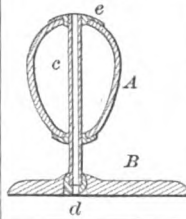




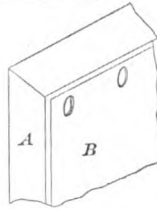
79230—W. Jones—Gas Heater.



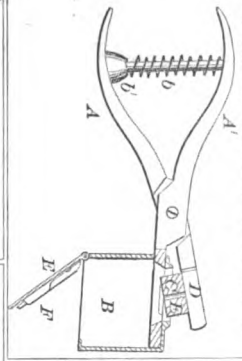
79231—B. Joseph—  
Pessary.



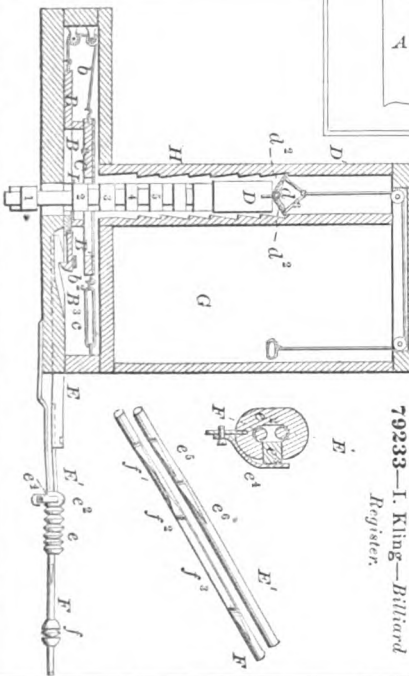
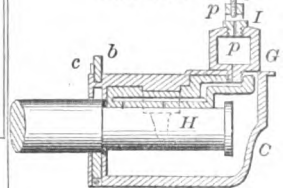
79234—F. A. Kraft—  
Zincing Iron.



79232—R. J. Kellert—Tiebet Punch.

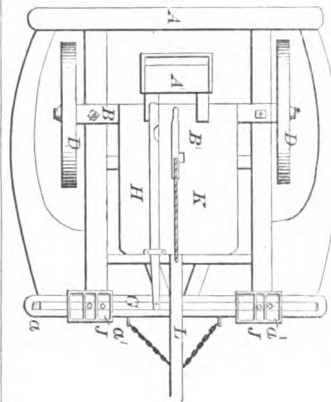


79238—I. S. Lister—  
Axle Box.

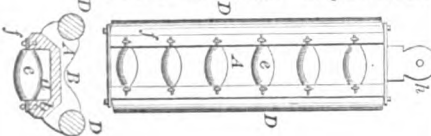


79233—I. King—Billiard  
Register.

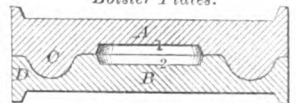
79236—C. L. Lee—Cultivator and Planter.



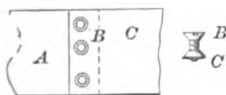
79235—E. B. Lake—Ship's Fender.



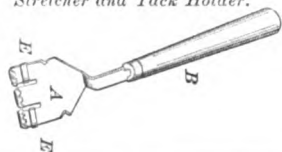
79237—Lewis & Oliver—Manufacturing  
Bolster Plates.



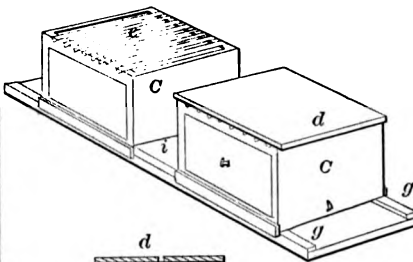
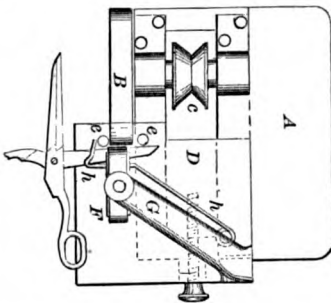
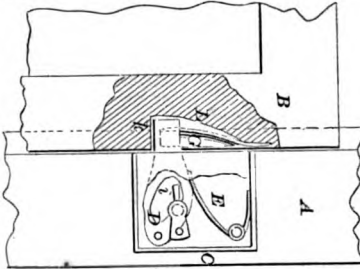
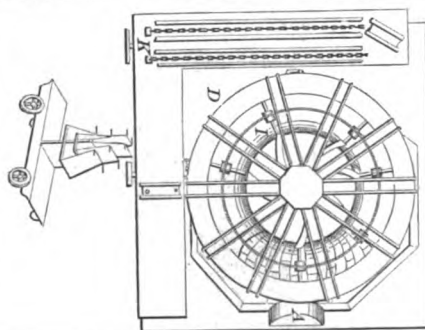
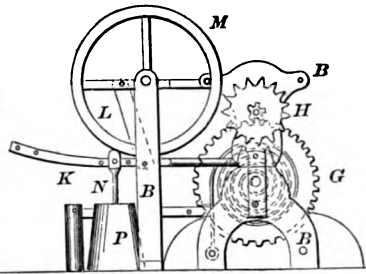
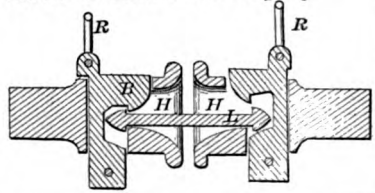
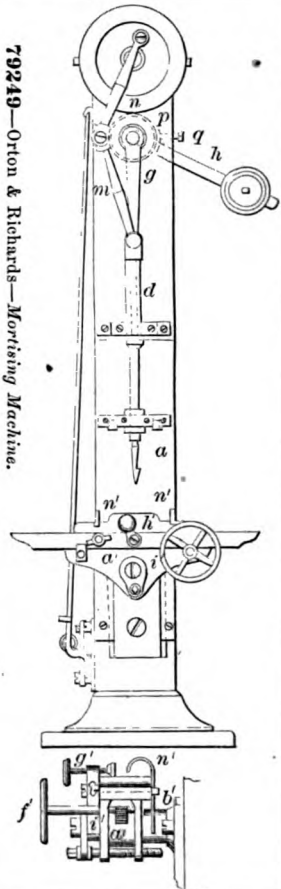
79239—T. S. Livermore—Belt Coupling.



79242—R. M. Mansur—Carpet  
Stretcher and Tack Holder.





79243—J. McDonald—*Beehive*.79248—H. North—*Sash Fastener*.79246—Morse & Collins—*Shears Sharpener*.79247—J. M. Moyer—*Brick Dryer*.79244—J. H. Monce—*Churn*.79245—B. Monroe—*Car Coupling*.79249—Orton & Richards—*Morising Machine*.



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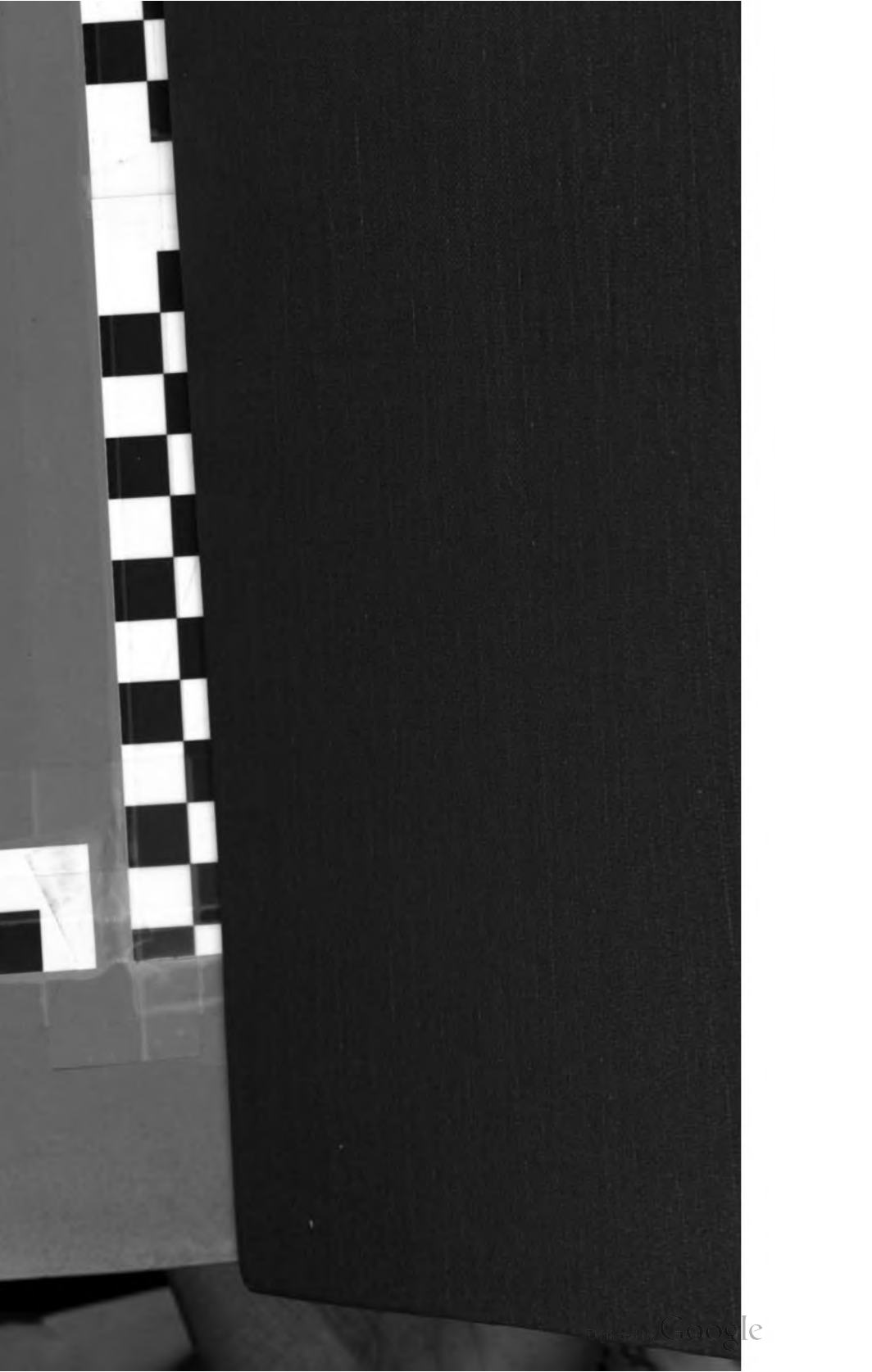
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